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Annual Public Health Report for the Year 1948

Bombay



BOMBAY

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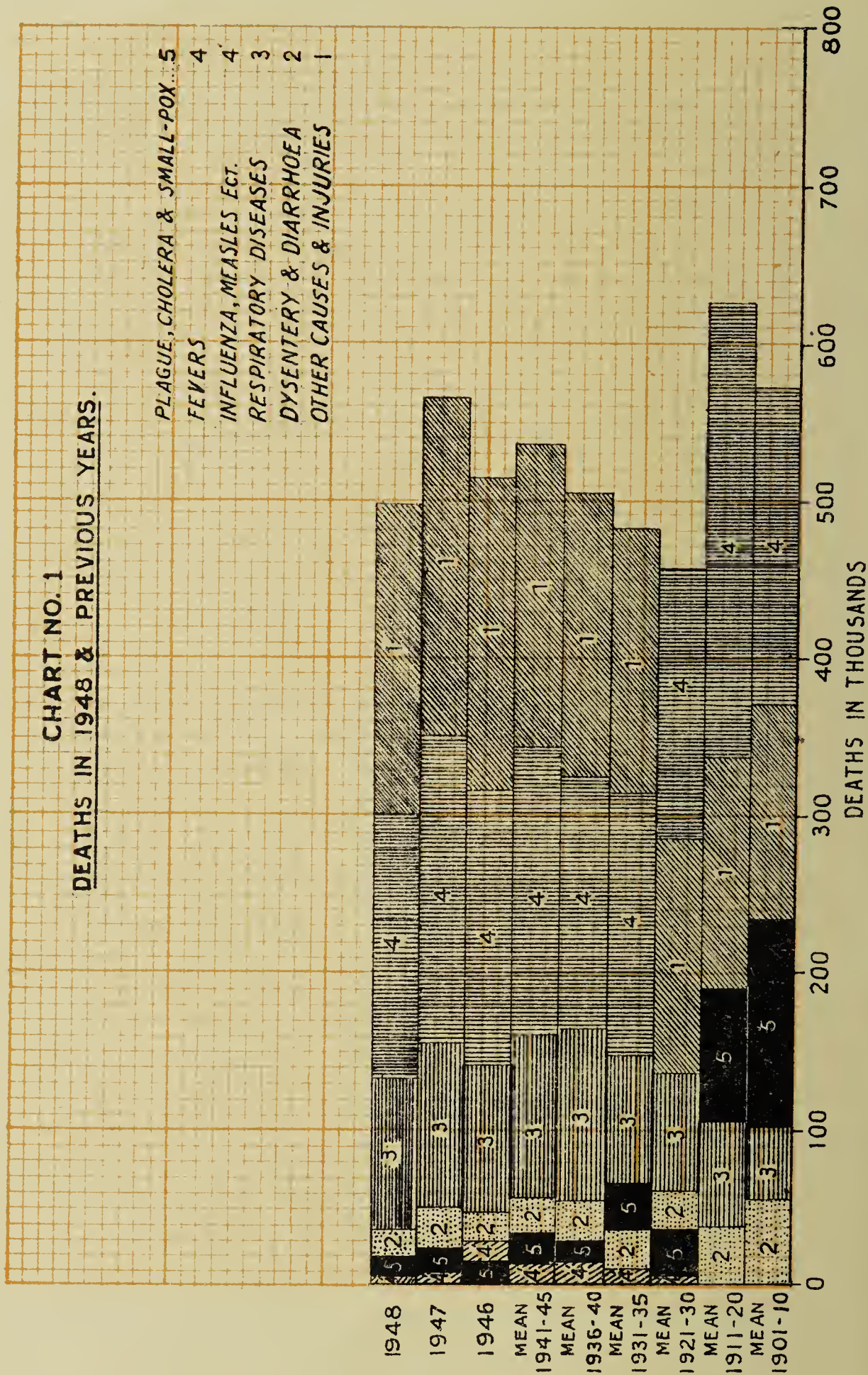
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CHART NO. 1
DEATHS IN 1948 & PREVIOUS YEARS.



ANNUAL PUBLIC HEALTH REPORT, 1948

CHAPTER I

METEOROLOGY

1. *Rainfall.*—The rainfall in the Province was generally satisfactory except in parts of Northern Registration District (Gujarat) where scarcity conditions were declared. Crops failed in the coastal areas and there was scarcity of water.

In Bombay City, Bombay Suburban District, Thana and Nasik Districts crops were severely damaged due to a cyclone in November.

CHAPTER II

VITAL STATISTICS (INCLUDING POPULATION AND EMIGRATION AND IMMIGRATION)

2. *General Remarks.*—The total registered births showed an increase of 17,357 over 1947 and of 25,776 over the quinquennial average of 1943-47. The number of deaths recorded showed a decline of 73,463 as compared with 1947 and of 51,184 as compared with the quinquennial mean. The decrease in deaths was shared by all the causes of deaths except small-pox and injuries which showed only a slight increase.

As compared with 1947, the year under report is a healthy one. The death rate (21·57) registered during the year is the lowest except for the year 1922 when the rate recorded was 21·51. The infant mortality rate recorded (141·38) is the lowest on record and is 20·52 less than in 1947. Maternal deaths also showed a decline of 901. Out of three major epidemic diseases, cholera and plague showed a considerable decline. Small-pox incidence was slightly higher with 1,078 more deaths than in 1947 but 2,039 less than in the quinquennium (1943-47). The number of still births was 10,526 as compared with 9,196 in 1947.

Details regarding causes of deaths are described in Chapter III.

3. The Province is divided into three Registration Districts for Public Health Administration and comprises Bombay City and 20 Districts with one hundred and eighty-seven rural circles (talukas and petas) and one hundred and seventy-five town circles and six Cantonments. These Divisions are shown in Appendix V.

4. *Population.*—The 1941 census population of the Province was 208,15,697. The mid-year estimated population for 1948 according to the arithmetical progression method works out to 229,22,450. This shows an increase of 10·12 per cent. on the census population of 1941. The area in square miles is 76,389 and average population per square mile is 300.

5. *Changes in Area.*—The Deccan States and Banaskantha, Sabarkantha and Dangs were merged in the Province of Bombay during the year. As, however, the merger took place late in 1948 and the final picture of the disposition of the different areas into the existing Districts of the Province or by formation of new Districts had not finally emerged, changes in areas, population and the vital statistics of those areas could not be taken into account during the year under report.

Vital Statistics

6. *Births.*—The total number of births registered in the Province during the year was 764,421 as compared with 747,064 in 1947 and 738,645 the quinquennial mean of 1943-47.

The annual number of births and birth-rates recorded were :—

Year.			Births.	Birth-rate per mille of population.
1932-35 mean	...	...	713,456	38·32
1936-40 "	...	...	752,336	38·31
1941-45 "	...	...	737,836	34·25
1946	...	...	744,818	33·20
1947	...	...	747,064	32·87
1948	...	...	764,421	33·35

During 1942 and 1943 there was a considerable fall in the recorded births. Since 1944, however, a steady rise in births is noticed year after year and the figure recorded in 1948 has surpassed the highest figure recorded during the last eight years, viz., 763,112 in 1941.

7. *Birth-rates in Collectorates.*—The highest birth-rate was recorded in Sholapur District (42·77). The next was Bijapur District (39·58). The lowest birth-rate was reported in the district of Thana (22·46). Of the total 20 Districts, one recorded a birth-rate over 40 per mille of population, fourteen Districts had birth-rates ranging between 30 and 40 per mille and the remaining five Districts had birth-rates between 20 and 30 per mille of estimated population.

8. *Births in Urban Areas.*—The number of births recorded in town circles was 204,592 giving a birth-rate of 32·85 per mille of estimated population. High birth-rates were recorded in the towns of Dohad (61·05), Alibag (60·08), Poona City (56·39), Sangola (54·17) and Ratnagiri (54·15). Low rates were returned from Gokarn (8·72), Bhiwandi (9·39) and Bhagur (10·99).

9. *Births in Bombay City.*—Fifty-four thousand, six hundred and twenty-nine births were recorded in Bombay City, the birth-rate being 31·56 as against 50,833 and 29·93 respectively in 1947.

10. *Births in Cantonments.*—Among the six Cantonments the highest birth-rate was recorded in Kirkee (42·30) and the lowest in Belgaum (11·79).

11. *Births according to Sex.*—Three lakhs, ninety-five thousand, five hundred and fifty-eight male and 368,863 female births were registered during the year. For every 100 female births there were 107·24 male births.

12. *Still Births.*—There were 10,526 still births registered during the year, i.e., 1·37 for every 100 live births as against 9,196 and 1·22 during 1947. The percentage recorded in Bombay City was 5·79. Distribution by classes and sex and Collectorates is shown in Annual Form No. I (a) in Appendix V.

13. *Verification of Vital Statistics.*—The Officers of the Public Health Department detected 1,239 births and 197 deaths which had not been registered in the different areas of the Province.

14. *Deaths.*—The total number of deaths recorded in the Province during the year under report was 494,581 as compared with 568,044 in 1947, the quinquennial average being 545,765. The annual mortality figures and death-rates were as below :—

Year.			Deaths.	Death-rate per mille of estimated population.
1932-35 mean	...	...	486,484	25·11
1936-40	„	...	506,845	25·81
1941-45	„	...	540,034	25·05
1946	...	...	516,897	23·04
1947	...	...	568,044	25·00
1948	...	...	494,581	21·57

15. *Death-rates in Collectorates.*—One District had death-rate above 30 per mille of estimated population, viz., Sholapur (30·89). nine Districts had rates between 30 and 20 and the remaining ten Districts between 13 and 20. The lowest death-rate recorded was 13·75 in Thana District.

16. *Death-rates in Rural Areas.*—The number of deaths recorded in rural areas was 361,446 giving a ratio of 21·64 per mille of estimated population. Among the talukas high death-rates were recorded in Alibag (55·61), Uran (39·17), Sholapur South (35·79) and Karmala (35·67). Low death-rates were reported from the talukas of Poona City (7·78), Umbergaon (9·33), Kalyan (9·37) and Dahanu (9·61).

17. *Death-rates in Urban Areas.*—The total death-rate for urban areas was 21·37. Among towns high death rates were recorded in

Pandharpur (44·38), Sholapur and Varangaon (36·18) each, Bhadgaon (35·80) and Barsi (35·63). Low death-rates were recorded in Shiggaon (5·10), Gokarn (5·52), Junnar (5·58) and Godhra (5·99).

18. *Death-rates in Cantonments.*—The lowest death-rate was recorded in Belgaum Cantonment (4·73) and the highest in Kirkee (22·22).

19. *Excess of Births over Deaths.*—Births exceeded deaths by 269,840 against 179,020 in 1947. The percentage increase in population was 1·30.

20. *Deaths according to Sex.*—The deaths of males numbered 255,599 and of females 238,982. The ratio of deaths of males to 100 deaths of females was 106·95 as compared with 105·31 in 1947.

21. *Deaths by castes or classes and by sex.*—Deaths by castes or classes and by sex are recorded in Annual Form No. V, Appendix V.

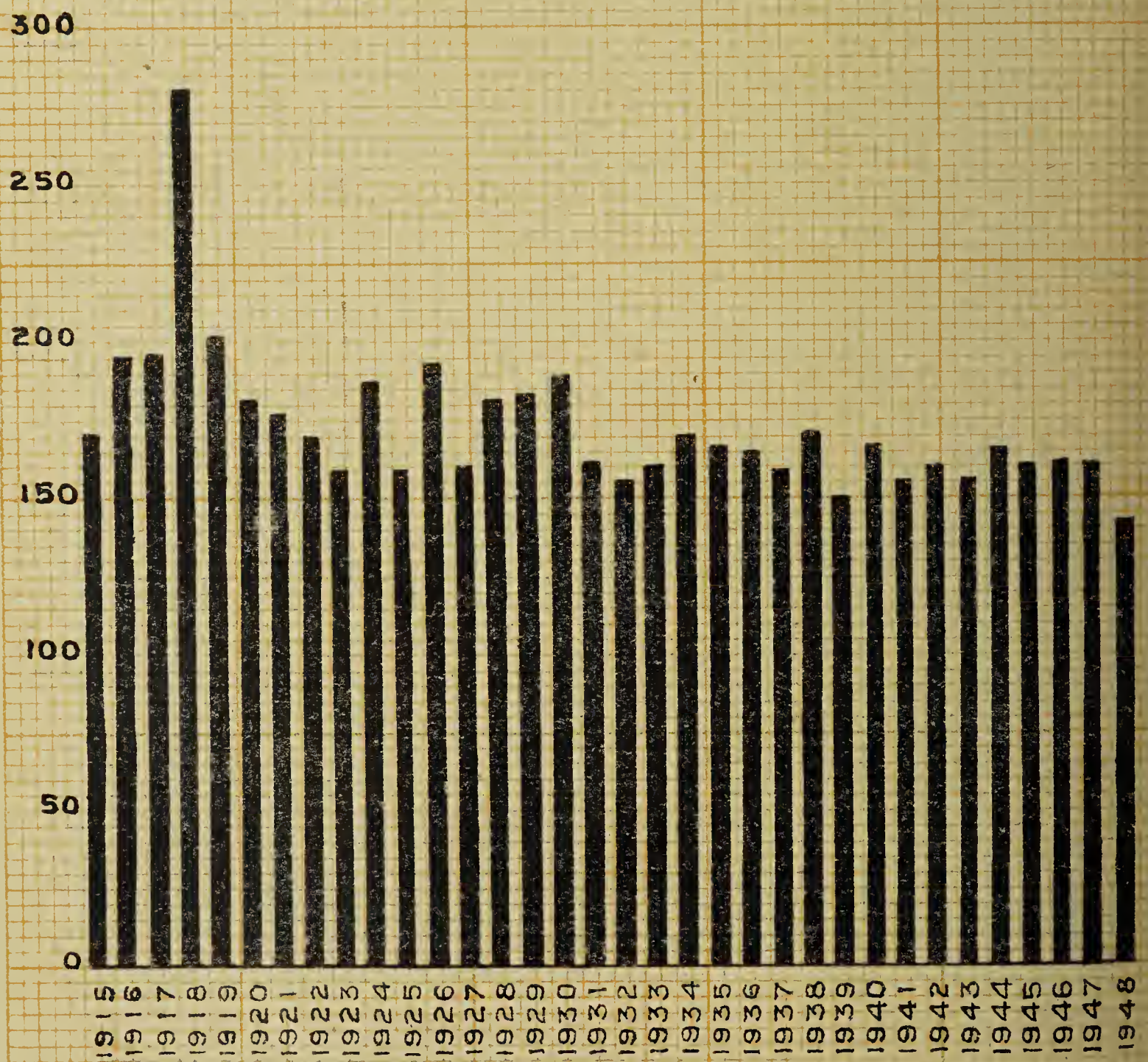
22. *Deaths according to Causes compared with previous Years.*—The following table shows the number of deaths during 1948 and the ratio per 1,000 of population arranged according to causes and compared with figures for 1947 and with the average for the preceding five years:—

	1947.		1948.		Mean of five years.	
	Number.	Ratio.	Number.	Ratio.	Number.	Ratio.
Cholera	7,980	·35	5,532	·24	9,064	·41
Small-pox	2,161	·10	3,239	·14	5,278	·24
Plague	3,081	·13	1,305	·06	4,299	·19
Fevers	201,615	8·88	177,918	7·76	196,732	8·88
Dysentery and Diarrhoea	25,458	1·12	18,180	·79	21,938	·99
Respiratory Diseases	106,793	4·70	97,900	4·27	103,310	4·67
Injuries	6,508	·28	6,867	·30	6,912	·31
Other causes	214,448	9·44	183,640	8·01	198,232	8·95
All causes	568,044	25·00	494,581	21·57	545,765	24·64

Graphs showing the incidence of deaths under the chief causes for the year under report compared with the previous years are shown in Charts I and IV. Graphs showing the annual incidence of deaths from epidemic diseases, cholera, small-pox, and plague are shown in Chart VI.

23. *Infant Mortality.*—Deaths under one year numbered 108,077 during 1948 as compared with 120,951 in 1947, the ratio per 1,000 births being 141·38 and 161·90 respectively. Male infant deaths exceeded female infants deaths by 7,981. Of the infants who died 42,411, i.e., 39 per cent. of the total were under one month old among whom 24,844 or 23 per cent. of the total infant deaths were under one week and 17,567, i.e., 16 per cent.

CHART II
CHART SHOWING INFANT MORTALITY RATE
IN THE BOMBAY PROVINCE, FROM 1915 TO 1948



f the total infant deaths were over one week. Of the remaining, 0,410, i. e., 37 per cent. were over one month and under six months and 25,256, i. e., per cent. were between six and twelve months old. In 1947 the percentage in the age groups of under one month, between one and six months and six and twelve months was 37, 39 and 24 respectively.

24. *Infant Mortality in Urban and Rural areas.*—The urban and rural infant death rates per 1000 registered births for the Province were 53·27 and 137·04 as compared with 169·19 and 159·26 respectively in 1947. Among towns high infant mortality rates were recorded in the towns of Viramgaon (391·54), Pandharpur (313·66) and Poona suburban (309·99). The high rates are largely to be attributed to the ineffective registration of births. Infant mortality in 1948 as compared with the previous years is shown in the table below :—

Year.	Deaths under 12 months.			Births registered.		
	Male	Female	Total.	Male	Female	Total.
1916-20 mean	64,131	55,719	119,850	291,606	274,110	565,716
1921-25 mean	54,635	46,147	100,782	301,679	282,575	584,254
1926-30 mean	64,088	54,286	118,374	330,921	311,953	642,874
1931-35 mean	64,045	53,842	117,887	366,082	344,345	710,427
1936-40 mean	66,906	56,929	123,835	387,420	364,913	752,333
1941-45 mean	63,864	54,820	118,684	381,082	356,755	737,837
1946	64,469	56,776	121,245	384,871	359,947	744,818
1947	64,568	56,383	120,951	368,345	360,719	747,064
1948	58,029	50,048	108,077	395,558	368,863	764,421

Year	Infant death rate per 1000 births.			Infant deaths per 100 of total deaths.
	Male	Female	Total	
1916-20 mean	219·93	208·27	211·86	15·92
1921-25 mean	181·10	163·31	172·50	23·09
1926-30 mean	193·67	174·02	184·13	24·62
1931-35 mean	174·95	156·36	165·94	24·37
1936-40 mean	172·74	155·98	164·61	22·70
1941-45 mean	165·57	153·44	160·83	22·01
1946	167·51	157·71	162·78	23·45
1947	167·12	156·31	161·90	21·29
1948	146·70	135·68	141·38	21·85

CHAPTER III

THE STATE OF PUBLIC HEALTH IN THE PROVINCE OF
BOMBAY AND HISTORY OF CHIEF DISEASES

25. *General Remarks on the Health of the Province.*—The main features of the year as compared with those of the previous year are a substantial reduction in the total number of deaths as a result of reduction under almost all the causes of deaths (except small-pox and injuries, which have recorded a slight increase), a substantial reduction in Infant Mortality and an increase in recorded number of births. Also as compared to the quinquennial mean for 1943-47 the year under report has been a healthy one, recording a reduction in total deaths of 51,184 which has been contributed by the reduction under all the causes of deaths. There was an increase of 25,776 in births over the quinquennial mean. As compared to the previous years, the number of births recorded during 1948 (764,421) was the highest since 1940. The birth rate per mille of population is 33·35. It has however to be observed that high birth rate is not necessarily a healthy index by itself. It often tends to increase the infant and maternal mortality rates. But during the year under report both these rates have not shown any deterioration, though the infant mortality rate (141·38 in 1948 as compared to 161·90 in 1947) still remains at a very high level. As regards total deaths (494,581) in 1948 the number is the lowest on record since 1938. The death rate (21·57) is also the lowest except in the year 1922 when the rate was 21·51. As already stated the reduction of 73,463 deaths during the year as compared to the previous year is shared by almost all the causes of deaths, viz. Cholera which showed a decline of 2,448 deaths, Plague of 1,776, Fevers of 23,697, Dysentery and Diarrhoea of 7,278, Respiratory Diseases of 8,893 and other causes of 30,808. The increase recorded (1,078 deaths) was under smallpox and of 359 under injuries which was however offset by the reduction under remaining causes of deaths as indicated above. During the last three decades, i. e., from 1916 to 1946 the comparison of infant mortality rate on the basis of quinquennial mean has shown a range varying between 211 per mille of live births to 160 per mille of live births. The decline in the infant mortality rate in each quinquennium has however been progressive. The rate for the year under report (141,38) is the lowest on record the next lowest being 152·70 during 1939.

Apart from the increase that may be due to immigration the estimated mid-year population for 1948 calculated by the arithmetical progression method has shown a percentage increase of 10·12 on the 1941 census population.

The maternal deaths were 3,815 in 1948 as against 4,716 in 1947.

Details of various diseases as compared with the previous year and also with the quinquennial average are given under separate headings in paragraph 22 and further comparison is shown in graphic form in the charts inserted in the report.

CHART NO III

Comparative Statement of Deaths by Causes for the mean 1943-47 & 1948.

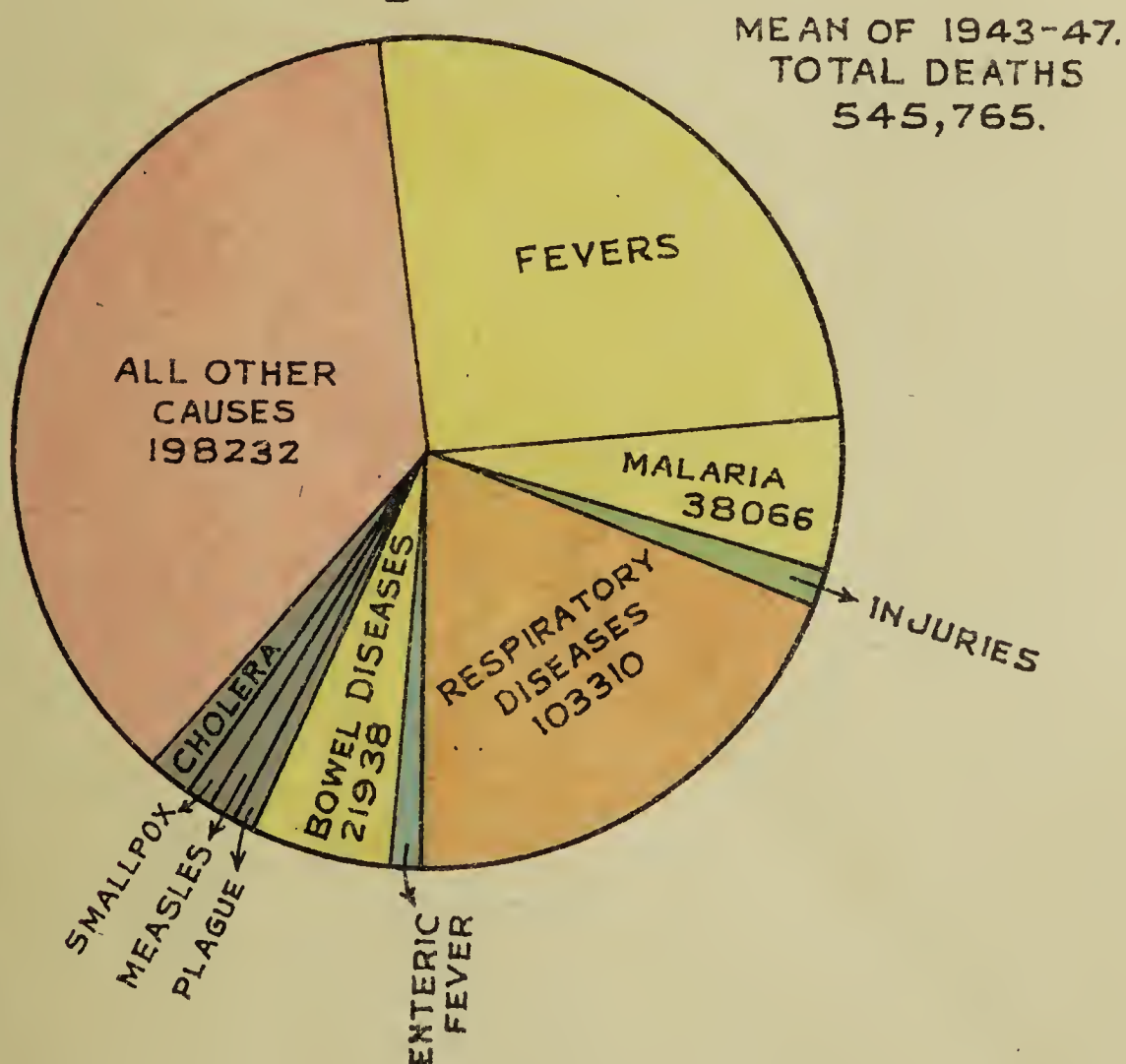
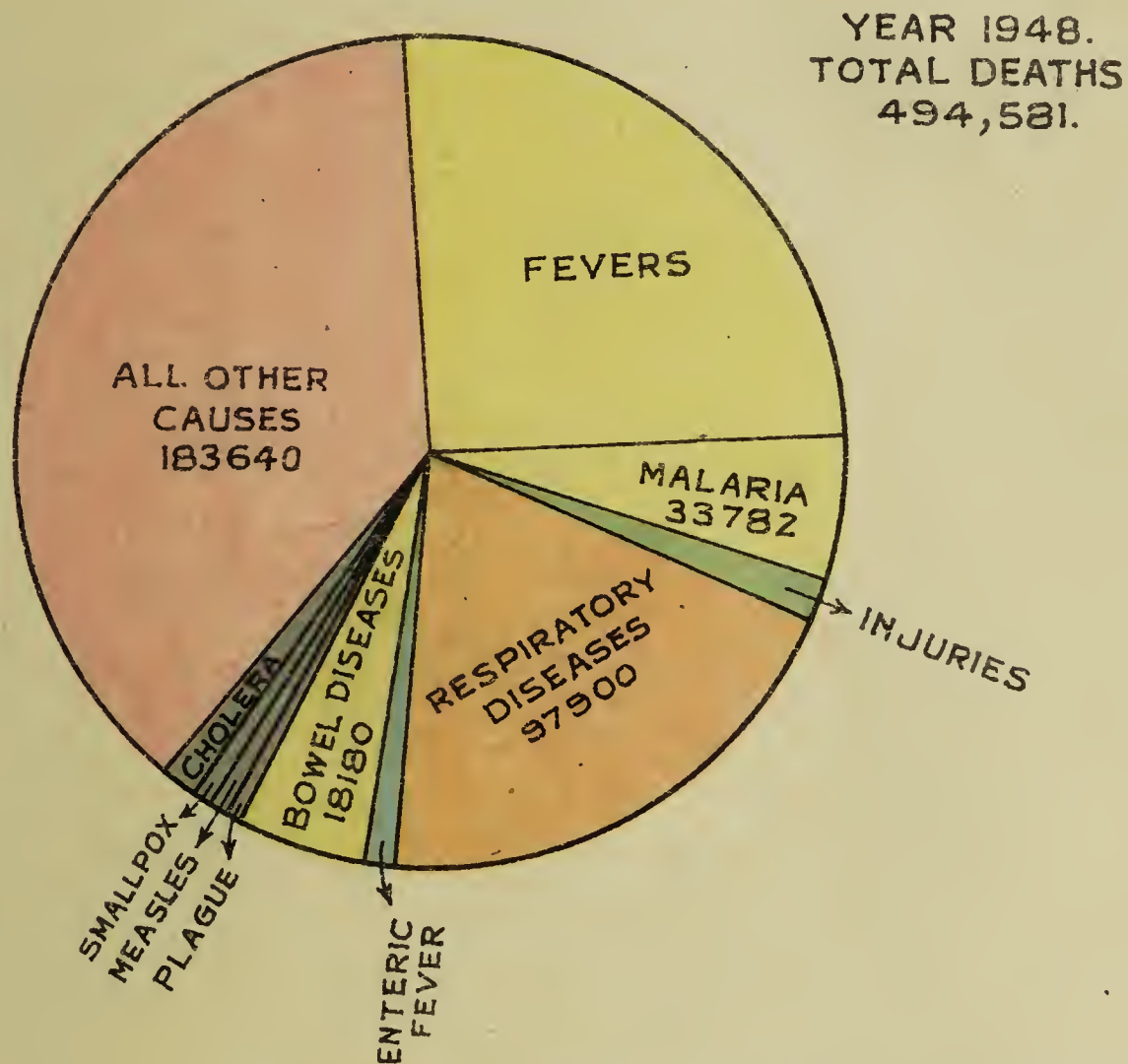
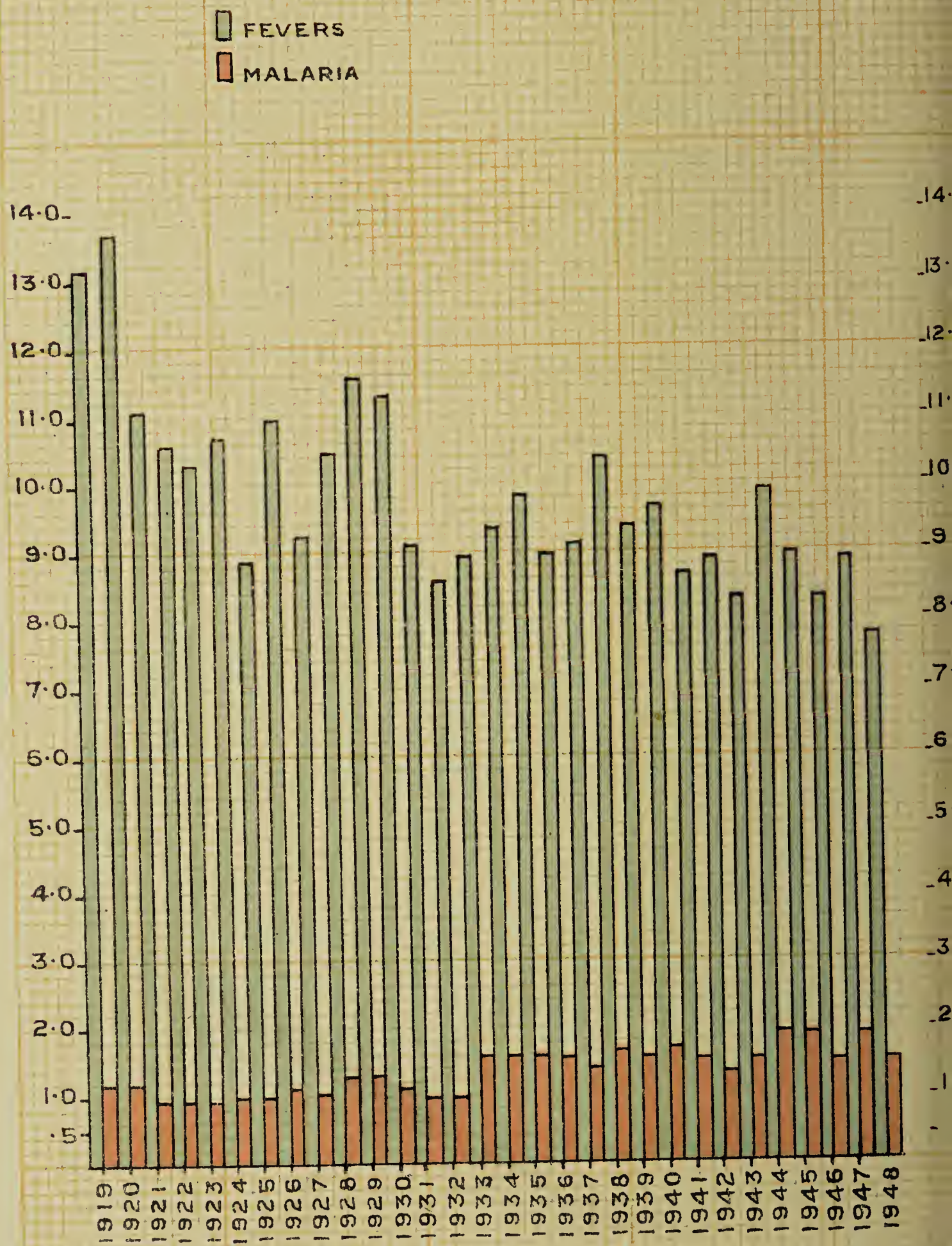


CHART IV

CHART SHOWING MORTALITY RATE FROM FEVERS & MALARIA BY YEARS FROM 1919 TO 1948



26. *Fevers (General Prevalence).*—There were 177,918 deaths due to fevers during 1948 the last year's figure being 201,615. The death rate was 7·76 against 8·88 in 1947. The urban death rate was 5·31 and the rural 8·67.

Fever mortality in previous years.—The mortality recorded under this heading in previous year is as given below :—

Year.	Fever deaths.	Rate per mille.
1932-1935 mean	164,501	8·88
1936-1940 mean	170,658	8·68
1941-1945 mean	193,068	8·95
1946	185,993	8·29
1947	201,615	8·88
1948	177,918	7·76

The distribution of fever deaths is shown in Annual Form No. IX.

27. *Death rates from Fevers in Collectorates.*—High death rates from fevers were reported in the Collectorates of East Khandesh (13·99), West Khandesh (13·74), Panch Mahals (13·16), Broach (11·27), Ahmedabad (11·16) and Bijapur (10·07). The rate reported from Bombay City was 3·20.

28. *Death rates from fevers in urban and rural areas.*—Among towns high death rates were reported from Kasoda (22·65), Varangaon (21·94), Dohad (18·71) and Bhadgaon (17·37). In rural areas high death rates were recorded in the Districts of East Khandesh (15·71), West Khandesh (14·61), Panch Mahals (14·19), and Broach (12·45). Of the total fever deaths (177,918), Malaria accounted for 33782 deaths, Enteric fever 5,209 deaths, measles 4,353, Cerebro Spinal Fever 58, Influenza 24, Typhus 4 and Kala Azar 2. The remaining 134,486 deaths were recorded under the omibus heading " other fevers " for want of details regarding the cause of death.

Details of deaths from fevers are shown below :—

Malaria.—Vide Chapter V.

29. *Enteric Fever.*—Enteric Fever caused 5,209 deaths against 5,545 in 1947, the ratios being, 23 and ·24 respectively.

30. *Deaths from Enteric fever in urban and rural areas.*—The disease was more prevalent in the towns of Sholapur (129 deaths), Poona (89), Ahmedabad (72) and Surat (58). Bombay City had 1,038 deaths due to enteric fever as compared with 685 in 1947. In the rural areas more deaths due to enteric fever occurred in the districts of Dharwar (581), Kolaba (378) and Ahmednagar (293).

Preventive measures adopted consisted of inoculation of contact with T A B vaccine, disinfection of water supplies antily measure and propaganda regarding preventive measures to educate the people.

The Haffkine Institute continued to give free of charge diagnostic aid to the medical practitioners by examining the samples of clinical material from suspected cases, of enteric fever. In Bombay City and Bombay Suburban areas arrangements were also made to send a Medical Officer from the Haffkine Institute to collect such samples from the cases at the request of Medical Practitioners.

31. *Measles*.—Deaths due to measles numbered 4,353 in 1948 against 3,020 in 1947, the respective ratios being ·19 and ·13.

32. *Deaths from Measles in urban and rural areas*.—High incidence was reported from the towns of Sholapur (840 deaths), Ahmedabad (222), Surat (127) and Poona (115). In rural areas the incidence was high in the Districts of Belgaum (415 deaths), West Khandesh (275), Sholapur (255) and East Khandesh (251).

In Bombay City, 88 deaths due to measles were recorded against 39 in 1947.

33. *Relapsing Fever*.—Relapsing fever was absent.

34. *Kala Azar*.—Two deaths attributed to this disease were reported from Bombay City against seven deaths in 1947.

35. *Typhus*.—Four deaths due to this cause occurred in Bombay City against two reported 1947.

36. *Cerebro-spinal fever*.—58 deaths due to this cause were reported out of which 33 occurred in Bombay City and 9 in Ahmedabad town. Four deaths occurred in rural areas and the remaining 54 in urban areas. The cases occurred sporadically.

37. *Respiratory Diseases (General Prevalence)*.—The total number of deaths due to respiratory diseases recorded during 1948 was 97,900 against 106,793 in 1947, the mean of the previous 5 years being 103,310. The mortality recorded under this head in previous years is given below.—

Year.			Deaths.	Ratio per mille of Population.
1932-35 mean	...	...	95,829	5·14
1936-40 mean	...	...	112,227	5·72
1941-45 mean	...	...	104,554	4·85
1946	...	...	94,460	4·22
1947	...	...	106,793	4·70
1948	...	...	97,900	4·27

The decrease of deaths recorded was 8893 over the previous year and 5,410 over the quinquennial mean. Of the total deaths due to respiratory Diseases, 17 per cent were reported to be due to Pneumonia, 22 per cent. to Phthisis, 3 per cent. to Whooping Cough and the remaining 58 per cent. were returned under the heading "other respiratory diseases" for want of details.

38. *Death-rates from Respiratory Diseases in the Collectorates.*—High death rates were recorded in Districts of Nasik (9·30), Kaira (6·40), Ratnagiri (5·77) and Bombay Suburban District (5·47). Low rates were reported from the Districts of Kanara (1·87) Panch Mahals (2·20), and Satara (2·42).

39. *Death rates from Respiratory Diseases in urban and rural areas.*—High death rates were recorded in the towns of Nasik (15·29), Malad (14·26), Trimbak (11·61), Matheran (11·38), and Matar (10·66). In rural areas high death rates were recorded in the Districts of Nasik (9·40), Kaira (7·01), and Ratnagiri (5·77).

40. *Phthisis.*—There were 21,513, deaths due to Phthisis recorded during the year against 22,806, in 1947. Twenty two per cent. of the total deaths due to respiratory diseases were recorded as due to Phthisis. As compared to the total deaths due to all causes the percentage of Phthisis deaths was 4.

At the Civil Hospitals at Ahmednagar, Surat, Poona, Nasik, Sholapur, and Belgaum, Government have provided facilities free of cost for diagnosis and treatment of cases of Phthisis. Progressive Municipalities like Bombay and Ahmedabad have their own clinics and there are also private Sanatoria including charitable ones at places like Malavli, Talegaon, Miraj, Hukeri, Panchgani, Deolali, Khandala and Vengurla.

41. *Deaths from Phthisis in urban and rural areas.*—The urban death rate was 1·12 and the rural ·87 as compared with 1·31 and ·89 respectively in 1947. Among towns high death rates due to Phthisis were reported from Matheran (4·48), Asoda (3·12), Matar (2·95) and Roha (2·84). High rates for rural areas were reported from the districts of Kolaba (1·99), Ratnagiri (1·82), and Satara (1·25). The death rate due to phthisis in Bombay City was 1·24 against 1·25 in 1947.

42. *Pneumonia.*—There were 16,464 deaths due to Pneumonia reported during the year as against 18,888 in 1947. The death rate was ·72 per mille of estimated population as compared with ·83 in 1947.

43. *Deaths from Pneumonia in urban and rural areas.*—The urban death rate was 2·02 and the rural ·23. High death rates for urban areas were recorded in the towns of Sholapur (6·05), Malad (5·61), Pandharpur (5·42) and Bardoli (5·39), and in rural areas in the Districts of Surat (1·20), Broach (·90), and Bombay Suburban (·59).

44. *Whooping Cough*.—Deaths due to this cause numbered 2,969, the ratio being $\cdot 13$ against 3,493 and $\cdot 15$ in 1947. Out of the total deaths 2,445 occurred in rural areas and 524 in urban areas.

45. *Dysentery and Diarrhoea*.—Deaths under this heading numbered 18,180 as compared with 25,458 in 1947. The death rate was $\cdot 79$ in 1948, against $1\cdot 19$ in 1947.

46. *Dysentery*.—Under this heading 3,647 deaths were recorded against 5,026 in 1947. The deaths in urban areas were 1,446 and in rural areas 2,201.

47. *Diarrhoea*.—14,533 deaths due to this cause were reported against 20,432 in 1947. The urban areas contributed 4,495 deaths and the rural 10,038 deaths. In appendix I a table is given showing the effects on the death rate of introduction of piped water supply.

48. *Injuries*.—6,867 deaths due to injuries were reported against 6,508 in 1947.

49. *Deaths from Snake-bite*.—Of the 6,867 deaths due to injuries 798 were on account of snake bite.

50. *Deaths from Rabies*.—87 deaths due to rabies were reported in the Province against 66 in 1947.

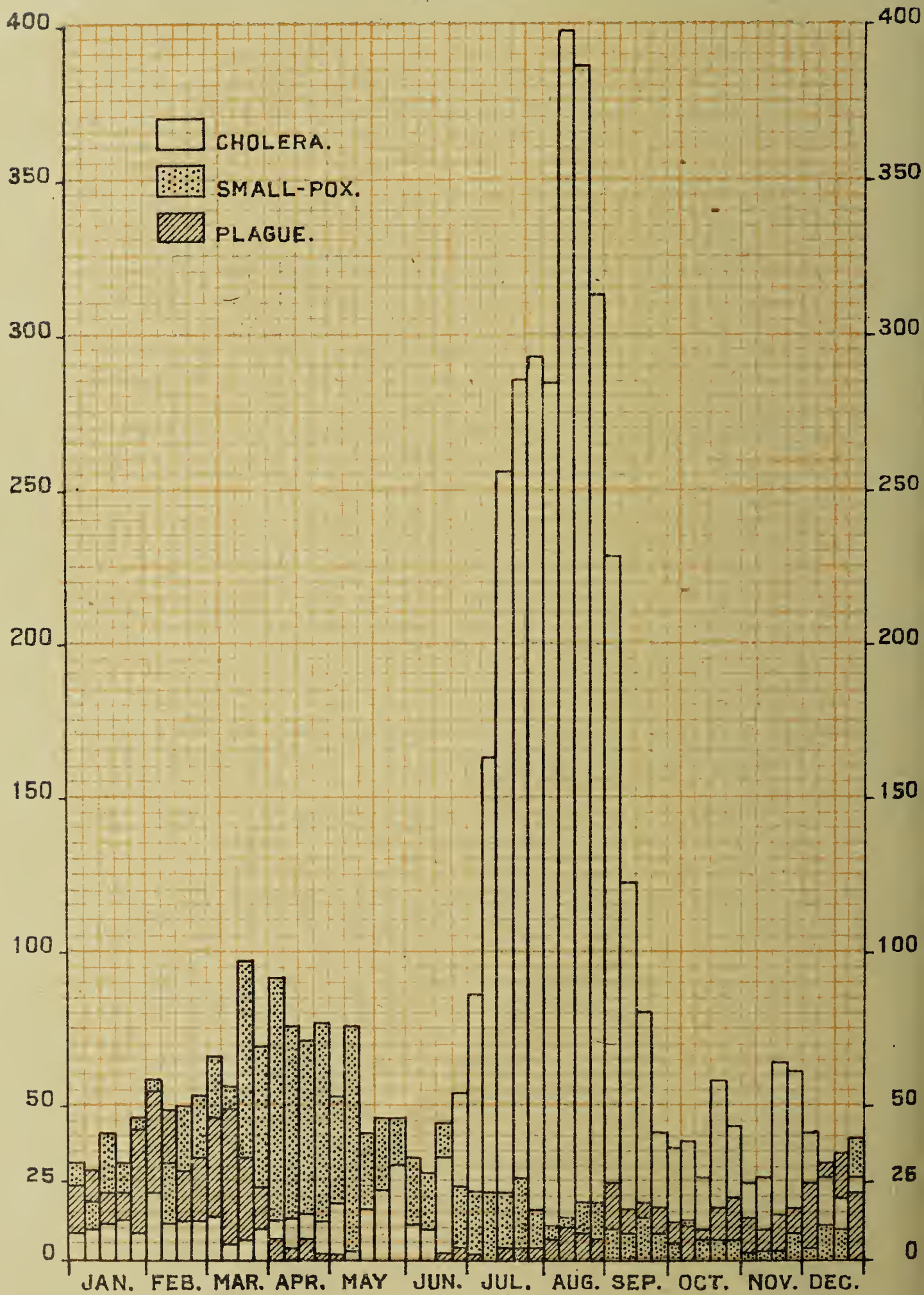
51. *Suicidal deaths*.—747 deaths were reported (307 among males and 440 among females) under this heading against 509 in 1947.

52. *Deaths from other causes*.—The number of deaths registered was 1,83,640 against 2,14,448 in 1947, the death-rate being $8\cdot 01$ against $9\cdot 44$ in 1947. The deaths recorded under this head in previous years were as under :—

Year		Number of deaths	Ratio per mille.
1932-35 mean	...	166,147	$8\cdot 92$
1936-40 mean	..	175,572	$8\cdot 93$
1941-45 mean	..	190,113	$8\cdot 82$
1946 ..	..	198,288	$8\cdot 84$
1947 ..	..	214,448	$9\cdot 44$
1948 ..	..	183,640	$8\cdot 01$

CHART NO. 5.

Weekly incidence of deaths from epidemic diseases during the
YEAR 1948.



53. *Deaths from Child birth*.—Under this heading 3,815 deaths were recorded in 1948 as compared with 4,716 in 1947. The maternal mortality rate per 1,000 registered births including still births in the Province works out to 4.92, as compared with 6.23 in 1947. Of the total deaths from child birth 2,871 occurred in rural areas and 944 in urban areas. Bombay city reported 91 deaths due to this cause against 106 in 1947.

54. *Diphtheria*.—Deaths due to Diphtheria numbered 131 as against 278 in 1947. Of these 101 were reported in Bombay City.

55. *Leprosy*.—There were 789 deaths due to Leprosy against 994 in 1947. Of these 594 occurred in rural areas and 195 in urban areas. Among rural areas the Districts of Satara (155 deaths), Eas Khandesh (90), Ahmednagar (74), Sholapur (73), and Bijapur (51) and among towns Bombay City (86), Barsi (13) and Sholapur (10) had higher number of deaths due to Leprosy.

56. *Cancer*.—The deaths due to this cause numbered 981 against 874 in 1947. The deaths in urban areas were 731 of which 394 were contributed by Bombay City. In rural areas the deaths numbered 250.

57. *Mumps*.—Only one death due to this cause was reported.

58. *Acute Poliomyelitis*.—Three deaths due to this cause were recorded in Bombay City.

59. *Chicken-pox*.—423 deaths under this heading were reported of which 163 were in rural areas and 260 in urban areas. The great majority of these were probably mis-diagnosed cases of Small-pox.

60. *Beri Beri*.—Two deaths were reported due to Beri Beri. One from Bombay City and the other from Godhra town.

The number of deaths from the chief causes for each District and by months is shown in Annual Forms VII to XII in Appendix V to this report.

CHAPTER IV

EPIDEMIOLOGY

61. *Cholera*.—There were 5,532 deaths recorded as due to cholera as compared with 7,980 in 1947, the quinquennial average being 9,064. The death-rate for the year was .24 against .35 in 1947 and .41 the quinquennial mean. The total number of cases reported was 9,538 giving a case mortality rate of 58 percent.

The following table gives the number of deaths recorded in previous years since 1911 :—

Year.	Number of deaths.	Year.	Number of deaths
1911	5,808	1931	18,578
1912	57,789	1932	1,338
1913	5,108	1933	7,794
1914	17,778	1934	11,361
1915	350	1935	11,191
1916	18,610	1936	11,304
1917	16,554	1937	10,992
1918	8,832	1938	3,813
1919	51,235	1939	1,786
1920	2,047	1940	716
1921	3,092	1941	16,706
1922	2,743	1942	11,095
1923	9,212	1943	10,780
1924	7,827	1944	1,639
1925	56	1945	24,691
1926	72	1946	229
1927	26,020	1947	7,980
1928	6,667	1948	5,532
1929	2,673		
1930	15,142		

Distribution.—Vide Annual Form No. VII.

62. *Deaths from Cholera by Districts.*—The Districts in which cholera prevailed in an epidemic form were East Khandesh (1,499 deaths), Ahmednagar (1,127), Sholapur (745), West Khandesh (448) and Nasik (412).

63. *Deaths from Cholera in Urban and rural areas.*—Deaths in urban areas numbered 617 and in rural areas 4,915. Among towns high number of deaths was recorded in Malegaon (67), Viramgam (49), Dhulia (32), Asoda (29) and Ahmedabad (28).

64. *Brief history of cholera epidemic.*—The disease was prevalent throughout the year, the incidence during the first five months being only sporadic. The highest incidence was during July and August, followed by a gradual decline in the subsequent months. In East Khandesh District the disease started in April and was at its height in August. In September it declined rapidly and during the remaining three months the District was practically free except for stray cases with two deaths reported during this period. In all 387 villages were affected. Almost all the talukas in the District were more or less affected by the disease, the heavily infected talukas being Bhusawal (190 deaths) Jamner (177), Edlabad and Erandol (169) each, Raver (157), Jalgaon (156).

In Ahmednagar District sporadic cases were reported from February to May. The increase set in during June, and July was the month of the highest incidence. The infection lingered on in a mild form during the remaining months. In all 253 villages reported incidence in the District. Among town circles, Kopargaon reported 24 deaths. In Sholapur District the first 6 months had only sporadic incidence. In July epidemic outbreaks were reported in several areas, and the upward tendency of the disease was evident upto the end of August. A gradual decline was recorded in the subsequent months. In all 198 villages reported cholera infection. The talukas of Barsi (202 deaths), Sholapur South (175) and Karmala (101), were more affected. Among town circles Sholapur had 19 deaths and Barsi 11. In West Khandesh District cholera appeared during June and caused highest incidence in August. The subsequent months had only mild incidence. 37 villages reported cholera incidence in the District. Among town circles Dhulia had 32 deaths. Among the talukas Shahada was the most heavily affected with 221 deaths. Other talukas viz., Dhulia 68 deaths Shirpur 49 deaths, and Nandurbar 42, had moderate incidence. In Nasik District the infection was prevailing in a moderate form distributed over the months from May to August and again in November. In all 89 villages reported infection. The Districts of Bijapur, Kolaba, Thana, Panch Mahals, and Kaira, had moderate infection. Kanara, Ratnagiri and Broach had only a few stray cases and in the remaining Districts the infection was mild.

65. *Preventive measures against cholera.*—Preventive measures against cholera were organised in all the affected Districts which included mass inoculation of the population, disinfection of water supplies, disinfection of infected premises etc. The 7 mobile hygiene units and the 4 anti-epidemic trucks were also fully utilised for speeding up preventive measures. In highly infected areas temporary staff of medical officers and inoculators was employed to assist the permanent staff in carrying out the measures.

66. *Mobile Hospital Units.*—The mobile hospital unit of the N.R.D. was stationed at Erandol in East Khandesh District from 27th July 1948 for treating cholera cases. In all 114 cases were admitted of which

101 were discharged cured and 13 died. The Hospital Unit of the S. R. D. treated 81 cholera cases in the Districts of Bijapur and Sholapur of which 3 died. The Unit of the C. R. D. treated cholera cases at Sangamner in Ahmednagar District. 23 cases were admitted of which 5 died and the rest were cured.

67. *Inoculations*.—The total number of anti-cholera inoculations performed during the year was, 1,759, 118 against 1,659,250 in 1947.

68. *Small-Pox (General Prevalence)*.—A higher incidence of small-pox was recorded in the province during the year as compared with 1947. There were 3,239 deaths during the year as compared to 2,161 in 1947. The death rate was .14 as compared with .10 in the previous year. The quinquennial mean of deaths was 5,278 with a ratio of .24.

The annual mortality for the previous years is given in the following table :—

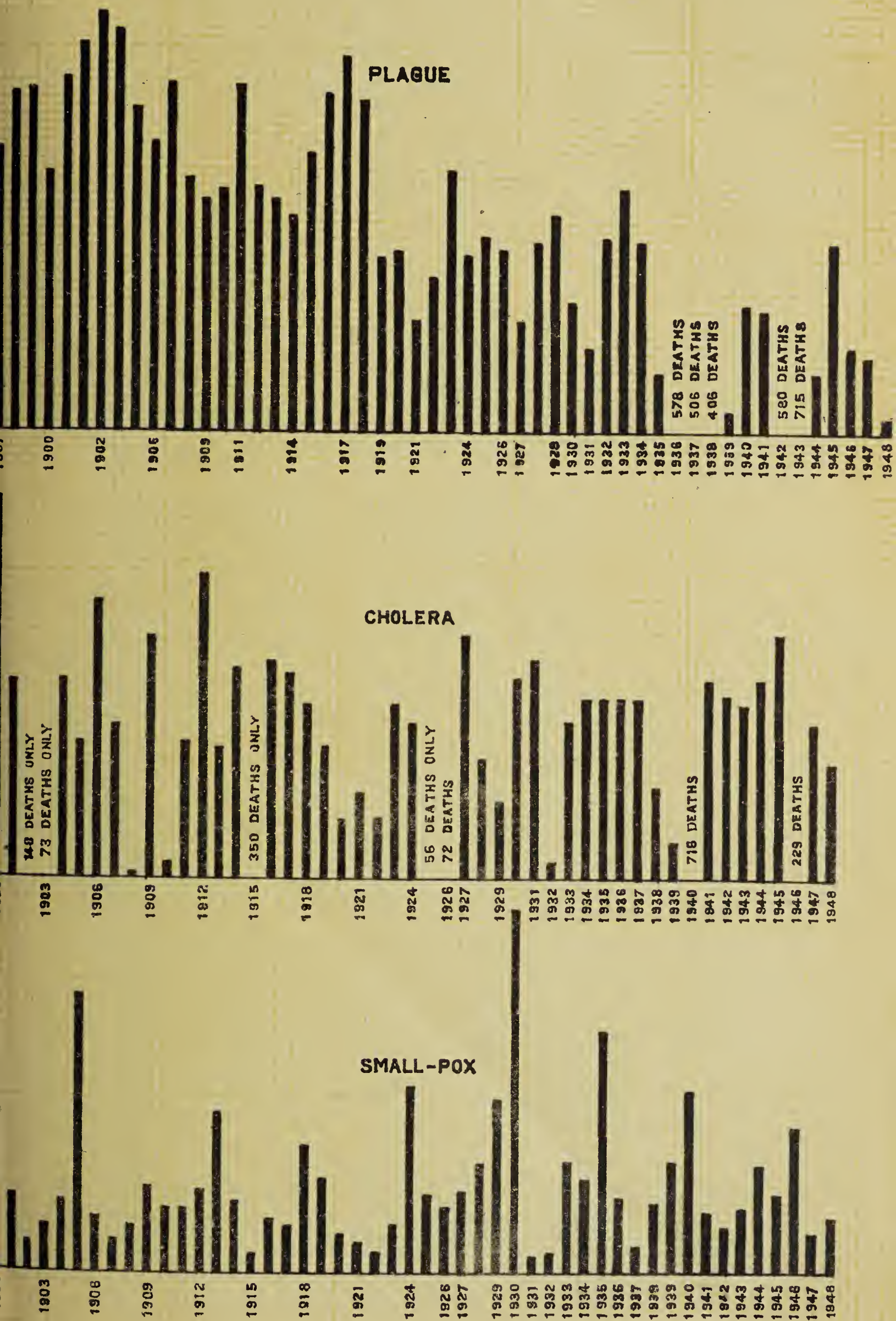
Year.				Number of deaths
1901-10 mean	...	...	...	4775
1911-20 mean	...	...	...	4430
1921-30 mean	...	...	...	6337
1931-40 mean	...	...	...	5536
1941	...	...	...	3784
1942	...	...	...	2744
1943	...	...	...	3898
1944	...	...	...	7212
1945	...	...	...	4699
1946	...	...	...	8421
1947	...	...	...	2161
1948	...	...	...	3239

CHART VI

ANNUAL INCIDENCE OF DEATHS FROM EPIDEMIC DISEASES.

Scale figures represent actual deaths for Plague and Cholera.

Figures are at their log: intervals and only those above 1000 are shown.



The number of cases was 9456 and the case mortality rate worked out to 34 percent.

Of the 3,239 small-pox deaths, 670 were among infants under one year of age and 930 among children between 1 and 10 years i.e. about 50 percent of the total small-pox deaths were among children below 10 years of age.

69. *Deaths from small-pox by Districts.*—Higher incidence was recorded in the Districts of Nasik (619 deaths), Belgaum (456), Satara (339), Sholapur (310) and Ahmednagar (202). Moderate infection was reported in the Districts of Kanara, Dharwar, Thana, Poona, Ahmedabad and East Khandesh. In the remaining Districts the disease was in a mild form.

70. *Deaths from small-pox in urban and rural areas.*—The urban deaths numbered 643 and the rural 2596. Among towns, higher number of deaths was recorded in Ahmedabad (123), Poona (69), Nasik (68) and Sholapur (31) and in rural areas in the Districts of Nasik (533), Belgaum (426), Satara (328) and Sholapur (269).

71. *Brief history of small-pox epidemic.*—The small-pox infection was slightly more severe during the year as compared to 1947. The disease prevailed throughout the year, highest incidence being recorded during March and April. The infection of the previous year was carried over during the current year. During the first two months the disease was in a moderate form and in March it showed an upward trend and reached its maximum in April. Then it began to decrease gradually. Nasik District reported highest incidence (619 deaths) from 76 villages. High incidence was recorded during the months March to May. In April the highest number of deaths (151) and in November the lowest number (2) were recorded. In Belgaum District all the talukas except Chandgad Mahal were affected, the talukas of Chikodi, Sampgaon, and Parasgad being worst affected. The infection was severe during the first 4 months of the year and since June it began to decline. In Satara District 339 deaths were recorded from 96 villages. All the talukas except Malcom-Peth were involved, the infection in the talukas of Satara, Asta, Islampur and Rahimatpur being severe. The highest number of deaths (79) was recorded in April and the lowest (3) in the last 3 months.

In the affected and threatened areas, vaccination and revaccination campaign was intensified by appointing extra Vaccinators. Propaganda in favour of vaccination and prompt notification was also carried out by means of magic lantern slides, leaflets, posters and talks.

72. *Vaccinal condition.*—The table given below shows the vaccinal condition of small-pox cases treated in infectious diseases hospitals.

Ages.	Total number of cases.	A.																Total among vaccinated.	Stated to have been successfully vaccinated but no vaccination cicatrix present.	Stated to be unvaccinated (or vaccinated unsuccessfully and no Vaccination cicatrix present).	Previously unvaccinated but vaccinated during incubation of small-pox.	Stated to have been successfully revaccinated.			
		Vaccinated as evidenced by the presence of one or more vaccination cicatrices.																							
		Attacked after following years after vaccination.																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 & above	Year not known.								
1	2	3																4	5	6	7	8			
Under one year.	24																	3	1	20	—	—			
1	7																	2	—	5	—	—			
2	29	5																5	2	22	—	—			
3	18	2																2	1	15	—	—			
4	14	3																3	1	10	—	—			
5	13	3																3	1	9	—	—			
6	12	4																4	—	8	—	—			
7	16	3																3	—	13	—	—			
8	9	5																5	—	4	—	—			
9	7	2																2	1	4	—	—			
10	10	3																3	—	7	—	—			
11	7	1																1	3	3	—	—			
12	20	6																6	1	13	—	—			
13	6	2																2	1	3	—	—			
14	13	9																9	—	4	—	—			
15	16	6																6	1	9	—	—			
20	110	45																45	3	62	—	—			
25	110	45																45	5	60	—	—			
30	60	27																27	3	30	—	—			
35	8	6																6	1	1	—	—			
40	10	3																3	1	6	—	—			
50	1	1																1	—	—	—	—			
60	1	1																1	—	—	—	—			
70	1																	—	1	—	—	—			
80 & upwards	—																	—	—	—	—	—			
Tota ..	522	5	2	3	3	4	3	5	2	3	1	6	2	9	6	128	..	187	27	308	..	..			

73. *Plague* (General prevalence).—Deaths due to plague numbered 1305 as compared with 3081 in 1947 and 5278 the quinquennial mean. The death rate was .06 as compared with .13 in 1947 and .24 the quinquennial mean.

The infection was mild as compared with the previous year and the incidence recorded was the lowest since 1944. In all 2853 cases of plague were recorded in the Province giving a case mortality rate of 45 percent.

The deaths due to plague recorded in each year since 1911 are given below :—

Year.	Number of deaths.	Year.	Number of deaths.
1911	97,248	1930	5,026
1912	27,863	1931	3,506
1913	24,840	1932	14,446
1914	18,529	1933	24,560
1915	40,689	1934	13,307
1916	79,349	1935	2,453
1917	159,858	1936	578
1918	73,893	1937	506
1919	9,041	1938	406
1920	13,471	1939	1,472
1921	4,617	1940	5,573
1922	7,692	1941	5,311
1923	33,251	1942	680
1924	9,092	1943	715
1925	12,551	1944	2,514
1926	9,839	1945	11,779
1927	4,075	1946	3,405
1928	13,563	1947	3,081
1929	18,014	1948	1,305

74. *Deaths from plague in Districts*.—Twelve Districts in the Province reported plague infection, the highest incidence being recorded in the Districts of West Khandesh (345 deaths) and Satara (284). Moderate infection was reported from the Districts of Poona (123), Ahmednagar (118), Sholapur (114), and Kolaba (98). The Districts in Gujarat viz., Surat, Broach, Kaira, Panch Mahals and Ahmedabad and the Districts of Kanara and Bombay Suburban were totally free. In Dharwar District only one death (of an imported case) was reported and Bombay City had 11 deaths. In the remaining Districts viz., Nasik, (50 deaths), Bijapur (52), Belgaum (41), East Khandesh (40), Thana (16) and Ratnagiri (10), there was only mild incidence.

75. *Brief history of plague epidemic.*—In West Khandesh District the infection of the previous year continued up to March and in April and May only 4 sporadic cases were reported. There was no incidence in June and July. Since August the infection again reappeared and gradually increased till December. All the talukas of the District were more or less affected but Sindkheda, Nandurbar and Sakri were badly affected. Among town circles, Nandurbar was heavily infected with 243 cases and 60 deaths. In Satara District also the infection of the previous year continued up to May. In June no cases were reported. Since July sporadic cases began to occur which continued throughout the year. The highest number of deaths (80) was recorded in the month of February. All the talukas except Malcom-Peth, Khatav and Shirala were reporting plague incidence, Patan and Satara being badly infected. In Sholapur District, Sholapur town was most affected with 86 deaths.

76. *Ratting operations.*—The ratting operations carried out in Municipal towns in the Province excluding Bombay City resulted in 433,995 rats being caught and destroyed. 94,424 of these were examined and only 3 were found infected by plague. Mass poison baiting of rats was also carried out in non-infected areas. In Bombay City ratting operations were conducted throughout the year as usual and 221,784 rats were caught and destroyed. Also 836,975 rats were found dead or killed, 366,556 rats were examined and 44 were found infected by plague.

77. *Anti-plague measures.*—Anti-plague measures organised in the infected and threatened areas consisted of mass inoculation, disinfestation of infected premises with D.D.T. or Kerosene Oil Soap Emulsion, cyanide fumigation of rat burrows for which special staff of Medical Officers, Inoculators, and squads personnel was appointed to assist the permanent staff. Mass poison baiting of rats was also carried out in non-affected areas. The mobile hygiene units working in Satara, Sholapur, Ahmednagar, Nasik, Belgaum, Bijapur and Dharwar Districts were fully utilised for anti-plague measures in the affected areas. Motor trucks were also provided in Kolaba. Poona and West Khandesh Districts for the movement of staff and material to the affected areas.

78. *Mobile Hospital Units.*—The three Mobile Hospital Units also played an important part in treating cases of plague in rural areas. The unit of the N.R.D. was stationed at Nandurbar in West Khandesh District from 7th October 1948. 631 plague cases were admitted in the hospital of which 480 were discharged cured, 101 died, 43 were under treatment and 7 left against medical advice. The Unit of the C.R.D. was stationed at Manchar. It admitted 419 cases of which 383 were discharged cured and 36 died. The unit of the S.R.D. treated 32 cases of plague in Satara District of which 3 died.

79. *Permanent Plague Organisation.*—The nucleus staff appointed under the Plague Organisation was engaged in Poona and Satara Districts carrying out experiments with D.D.T. in the control of plague. The work done by the staff is as below:—

During February-March 1948 D. D. T. work was carried out in Chakan village and its hamlets in Poona District. This village had 20 cases of plague and 4 deaths between November 1947 and February 1948. 28,843 rat burrows were insufflated with 10 per cent. D. D. T. dusting powder and 258 houses were disinfested with D. D. T. and kerosene oil emulsion. No further plague case or rat fall was reported during the year in Chakan or its hamlets after the D. D. T. operations, though one case was reported in September 1948 in a neighbouring hamlet, 2 miles away which was not taken up for D. D. T. work. 32 rats caught in the area where no measures were carried previously showed a flea index of 2.4. Forty-two rats caught after the D. D. T. operations showed a flea index of .4.

The staff of the Plague Organisation was shifted to Satara District during April 1949. The summary of the work done in the district is as below :—

During the inter-epidemic period April to June five villages which were affected in the last plague season were taken up in which all rat holes were insufflated with 10 per cent. D. D. T. dusting powder and all houses were disinfested with 1 per cent. D. D. T. watery suspension. No recurrence of plague was reported from 4 villages. The fifth village Manshi reported outbreak on 26th October, five months after the D. D. T. operations.

During the plague season eight villages which reported plague infection were taken up in which insufflation of all rat holes and disinfestation of all houses with D. D. T. was carried out. All the villages except two remained free during the rest of the year. In one village one case occurred within three days of completion of D. D. T. In another village, Kalambe, D. D. T. work was carried out on 5th September 1948 and the people evacuated the village on 6th September. Between 8th September and 15th September nine cases occurred in the camp. There was one more case on 3rd October in the camp after which no cases were reported.

Sixteen villages reporting rat fall were taken up for insufflation of rat burrow with 10 per cent. D. D. T. and disinfestation of houses in which rat fall had occurred and immediately neighbouring houses. No human cases were reported in any of these villages.

Twenty-two villages adjoining the affected villages were also taken up in which insufflation of rat holes only was carried out. No infection or rat fall was reported.

Flea Index.—In five villages in which both insufflation of rat burrows and disinfestation of houses was carried out 456 rats caught before the operations gave a flea index of 2.7 and 144 rats caught after the work gave a flea index of .26. In three villages in which only insufflation of rat holes was carried out the flea index before the work was 3 and after the work .22.

Quantity of D. D. T. used.—3,061 lbs. of D. D. T. 10 per cent. dusting powder was used for insufflation of 336,990 rat burrows. 1,431 lbs. of 50 per cent. D. D. T. suspension powder was used for disinfection of 2,727 houses.

80. *Inoculations.*—The total number of inoculations performed during the year was 641,333 against 9,25,708 in 1947. The following table shows the number of inoculations performed during the last few years and its ratio to the number of plague deaths :—

Year.	Number of attacks of plague.	Number of deaths of plague.	Number of inoculations.	No. of doses of plague vaccine issued within the Province.	Ratio of inoculations to number of deaths.
1928	19,583	13,563	132,340	255,789	9.7 to 1
1929	27,850	18,014	295,544	347,920	16.4 to 1
1930	7,796	5,026	109,400	123,206	21.7 to 1
1931	5,481	3,506	74,288	107,333	21.2 to 1
1932	21,861	14,446	246,146	272,510	17.1 to 1
1933	35,664	24,560	559,723	597,946	22.8 to 1
1934	20,020	13,370	276,375	299,208	20.8 to 1
1935	4,070	2,453	113,418	113,567	35.7 to 1
1936	875	578	41,738	61,678	72.2 to 1
1937	781	506	62,271	125,136	123.06 to 1
1938	717	406	41,560	76,648	102.36 to 1
1939	2,430	1,472	80,200	158,517	54.48 to 1
1940	10,058	5,573	591,617	556,182	106.16 to 1
1941	8,752	5,311	332,437	342,437	62.59 to 1
1942	1,141	680	19,611	52,446	28.84 to 1
1943	1,355	715	204,843	287,590	286.49 to 1
1944	4,446	2,514	318,797	568,904	126.80 to 1
1945	18,124	11,779	662,330	1301,969	56.23 to 1
1946	7,119	3,405	1095,539	3608,859	321.74 to 1
1947	7,851	3,081	925,708	1295,628	300.45 to 1
1948	2,853	1,305	641,333	1002,904	491.44 to 1

81. *Influenza.*—Only 24 deaths due to influenza were recorded during the year against 63 in 1947. Out of these 13 occurred in urban areas and 11 in rural areas. Bombay City had 6 deaths.

82. *Expenditure on Plague and Cholera outbreaks and inoculation Work.*—

During the year under report, a grant of Rs. 2,62,100 was sanctioned by Government for measures against outbreaks of Plague and Cholera. Rs. 50,985 were spent on cyanide fumigation, Rs. 50,084 for purchase of Plague Vaccine, and Rs. 41,926 for purchase of Cholera Vaccines, Potash Permanganate and Tropical chloride of lime during the year. Expenditure on pay, travelling allowance and contingencies of Government Inoculators on Plague and Cholera duty amounted to Rs. 119,105.

CHAPTER V

MALARIA

83. *Brief Report of the activities of the Malaria Organisation during 1948—General.*—Dr. D. K. Viswanathan, Assistant Director of Public Health (Malaria) was appointed as a member of the Expert Committee on Malaria of the World Health Organisation, Interim Commission and attended its meetings in Washington, U. S. A. in May and June 1948. He was also deputed by the Bombay Government to attend as a delegate the Fourth International Congress of Tropical Medicine and Malaria held at Washington at about the same time.

Comprehensive Scheme of Malaria Control in Kanara and Dharwar Districts.—This scheme which was inaugurated in 1946 entered upon the third year's work in July 1948 and by the end of the year third season's spraying in the whole of Dharwar District and the neighbouring rice tracts of Kanara District had been completed. The headquarters and allocation of talukas to the five units continued to be the same as in 1947, but the scheme was extended to the whole of Shirhatti Taluka, a part of Sangli State, which merged into Bombay Province during 1948. An additional staff of one Malaria Supervisor, one Insect Collector, two Havildars, ten sepoy and an extra truck with a driver and cleaner was sanctioned for the purpose. Numerous representations were received from villages in Dharwar and Kanara Districts for being included in the spraying programme and they were invariably included if they satisfied the two criteria set for the purpose, viz., a population of over 200 for this Dharwar District and over 100 in Kannara District and spleen rate of over 10 per cent. The number of such villages newly included during 1948 was 62.

The total number of villages and their total population actually included in the scheme at the close of 1948 were :—

	Number of villages	Population (1941 census).
Dharwar District, (including Shirhatti) ...	486	561,881
Kanara District ...	579	308,724
Belgaum and Khanapur Talukas ...	66	42,693
Total ...	1,131	913,298

The quantities of D.D.T. (technical) actually used by the several Units during 1948 were :—

	lbs.
Unit No. 1 ...	14,413
Unit No. 2 ...	22,921
Unit No. 3 ...	16,731
Unit No. 4 ...	14,725
Unit No. 5 ...	13,039
Total ...	81,829

There was no change either in the dosage, frequency or technique of spraying or in the criteria adopted for inclusion of villages in the Scheme. However, in order to conserve supplies of the solvent, the strength of the mother emulsion was increased from July onwards from 25 per cent. to 33 per cent.

The formula now used is—

DDT Technical	...	...	...	100 lbs.
Solvent (Aromex)	...	...	...	25 gallons.
Soap	...	...	...	7½ lbs. dissolved in 3¾ gallons of water.

The mother emulsion is diluted with 5 times its own volume of water to prepare the final 5 per cent. emulsion.

As in the previous year selected villages in all the talukas of Kanara Ghat section received an advance spraying in October and November, ahead of the regular schedule.

Assessment of the results of the second years' spraying work was again based on the following data:—

(1) Spleen and parasite rates, (2) Infant parasite rates, (3) Dispensary figures and (4) Densities of the vector species of anopheles.

(1) *Spleen and parasite rates.*—A large number of villages and towns was surveyed and the data indicated a further reduction in the incidence of malaria. The following are the data in respect of a few important towns of Kanara District:—

		1942	1943	1944	1945	1946	1947	1948
Sirsi town ..	..	$\frac{50}{18}$	$\frac{20}{6}$	$\frac{20}{8}$	$\frac{12}{5}$	$\frac{8}{5}$	$\frac{4}{1}$	$\frac{1}{0}$
Yellapur town	..	$\frac{70}{22}$	$\frac{45}{20}$	$\frac{58}{18}$	$\frac{24}{15}$	$\frac{19}{5}$	$\frac{9}{0}$	$\frac{6}{0}$
Mungod town	..	$\frac{75}{18}$	$\frac{58}{22}$	$\frac{45}{22}$	$\frac{35}{23}$	$\frac{25}{0}$	$\frac{11}{0}$	$\frac{11}{0}$
Haliyal town	..		$\frac{67}{20}$	$\frac{56}{29}$	$\frac{34}{7}$	$\frac{7}{3}$	$\frac{9}{0}$	$\frac{4}{0}$

Spleen rate — numerator.

Parasite rate — denominator.

The cumulative spleen rates of sprayed and unsprayed villages in 1947-48 were as follows:—

Spleen.					Blood.						
	No. of villages surveyed.	No. of children examined.	No. with enlarged spleen	Cumulative spleen rate.	No. of villages surveyed.	No. of positive blood smears Examd.	No. Positive.	Cumulative parasite rate.	Parasite species		
<i>Sprayed villages.</i>											
Kanara District ..	80	4787	566	11.6	54	2347	65	2.7	21	42	2
Dharwar District ..	91	5229	555	10.6	58	1839	16	0.9	6	10	0
Belgaum District .. (Khanapur taluka only)	10	741	144	19.4	10	344	10	2.9	3	7	0
<i>Unsprayed villages.</i>											
Kanara District ..	51	747	352	47.1	43	477	93	19.5	28	64	1
Dharwar District ..	82	4374	1098	25.1	34	902	47	5.2	20	27	0
Belgaum District .. (Khanapur taluka only)	11	325	109	33.5	7	125	17	13.6	4	13	0
V—vivax ; F—Falciparum, M—Malaria.											

V—vivax; F—Falciparum,

M—Malaria.

The progressive reduction in the cumulative spleen rates in sprayed villages since 1945 are shown below:—

	1945-46	1946-47	1947-48
Kanara District ..	72.2	14.4	11.6
Dharwar District ..	39.0	19.5	10.6

(2) *Infant parasite rates.* Have almost reached the zero level in all the sprayed villages. Out of 280 infants examined in sprayed villages of Kanara District, only 1(0.4 per cent.) showed malaria parasites. Out of 45 infants examined in 20 unsprayed villages, 9 were found positive (20 per cent.).

(3) *Dispensary data.*—The total number of malaria cases treated by 12 public dispensaries in Kanara District (Sirsi, Mundgod, Yellapur, Haliyal, Supa, Dandeli, Manchikeri, Kumta, Ankola, Gokarn, Siddapur and Bhatkal) and eight (Dharwar, Haveri, Hangal, Ranebennur, Hirekerur, Shiggaon, Kalghatgi and Mundargi) in Dharwar District are tabulated below:—

	1943	1944	1945	1946	1947	1948
Kanara District ..	50278	54166	43813	32095	28252	17287
Dharwar District	40845	45155	31753	17422	18493	13926
Total ..	91123	99321	75566	49566	44989	31213

Approximately those dispensaries show a reduction of 50,000 cases of Malaria from the pre DDT. period. As these dispensaries serve only about one-sixth of the population and as the order of reduction may be deemed uniform throughout the scheme area the total reduction is estimated as 300,000 cases. Spectacular as this reduction is, the large number of cases recorded as having been treated for malaria is not consistent with the very considerable reduction in vector species of anophelines and it can therefore be only attributed to the innate tendency of Medical Officers in the tropics to diagnose a very large number of ailments as malaria on clinical grounds.

(4) *Mosquito Densities*.—The densities of the anopheles vectors in the sprayed villages have continued to be very low in both the districts while their numbers in the unsprayed villages have remained high. The data as represented by the average number collected per 10 man hours are presented below:—

1. Kanara District.					A. HOUSES.				<i>A. fluviatilis</i> only.				
1948	..	J.	F.	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.
Sprayed	..	0.0	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.22	0.0	0.0	0.0
Unsprayed	..	1.3	1.9	1.4	1.7	1.2	1.0	2.9	3.4	17.6	13.1	4.9	4.6

					B. CATTLESHEDES.								
1948	..	J.	F.	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.
Sprayed	..	0.1	0.0	0.3	0.2	0.2	0.0	0.0	0.6	8.0	3.0	0.3	0.0
Unsprayed	..	1.3	1.2	1.1	1.6	0.8	0.2	0.6	5.6	14.2	9.0	3.2	2.0

2. Dharwar District.					A. HOUSES.				<i>A. culicifacies</i> only.				
1948	..	J.	F.	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.
Sprayed	..	0.7	0.0	0.1	0.0	0.0	0.4	0.6	0.6	0.2	0.2	0.1	0.0
Unsprayed	..	47.9	25.7	19.5	20.5	8.4	9.9	27.3	48.4	31.9	34.4	86.4	6.0

					B. CATTLESHEDES.								
1948	..	J.	F.	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.
Sprayed	..	1.4	0.0	0.8	0.0	0.0	1.7	2.9	4.1	1.5	1.0	4.2	0.0
Unsprayed	..	68.3	71.2	28.8	91.5	27.6	16.1	48.4	106.8	60.2	57.7	185.8	108.0

The densities of the vector species remained far below the critical density throughout the year in the sprayed villages.

Thana District Malaria Control Scheme.

In May 1948, Government sanctioned for a period of two years in the first instance a district-wide scheme of malaria control in Thana District. The main feature of the scheme is the use of DDT as an indoor residual spray, in the form of a 5 per cent. emulsion, in the houses and cattlesheds of all the malarious villages of the district. Three rounds of spraying are to be completed during the malaria transmission season, i.e. from July to December. A staff of one Medical Officer, four Assistant Medical Officers, four Malaria Supervisors, or

Engineering Supervisor, 16 Insect Collectors, four clerks, one laboratory orderly, three peons, 24 havildars and 120 sepoy was sanctioned, as also were four trucks each with a driver and cleaner. The staff of the already existing scheme of Malaria control in Salsette Island was absorbed under the new scheme. For execution of the spraying work, the staff was divided into four sub-units having head-quarters at Thana, Palghar, Shahapur and Jawahar. Jawahar State which merged into Thana District during the year was automatically included in the scheme. The details of the number of villages included in the spraying programme with their total population by talukas are given below :—

Sub-unit	Taluka		Number of Villages.	Total Population.	
Thana	..	Thana Mahal ..	18	*18,482	*including Akbar camp.
		Bombay Suburban District.	34	†19,000	†including Pawai and Mulund camps.
		Bhivandi ..	161	65,014	
		Bassein ..	48	33,920	
Palghar	..	Palghar ..	127	72,199	
		Mokhada ..	33	18,460	
		Voda ..	165	47,252	
Shahapur	..	Shahapur ..	199	80,345	
		Murbad ..	170	63,060	
		Kalyan ..	134	†106,869	†including Ambar-nath camp.
Jawahar	..	Jawahar	108	63,757	
		Dahanu	101	58,489	
		Umbargaon	34	32,098	
Total	...		1332	67,8945	

Thus out of a total population of 1046448 including that of Jawahar State, in the district, 678945 is now directly protected from malaria. The rest live in thickly populated non-malarious villages situated on the coast.

The first round of spraying in 1948 was actually commenced in September and therefore only two rounds could be completed during the year. The formula adopted was the same one as in Dharwar-Kanara Scheme and a total of 8344 gallons of the mother emulsion equivalent to 25032 lbs. of D.D.T. technical was sprayed.

As an experimental measure, Mokhada Petha was divided into three blocks and the villages of one block were sprayed with D.D.T., those of another with a water wettable suspension powder of Benzene Hexachloride (Gammaxane P.520) and the rest left unsprayed for comparison. The results of this experiment as well as those of the scheme in general are being assessed. In most of the villages in Thana

District the unprecedented cyclone which prevailed towards the end of November appears to have had a most deleterious action on the residual effects of previous D.D.T. spray.

Greater Poona Malaria Control Scheme.—This scheme which was inaugurated in 1944 is progressing satisfactorily and yielding good results. It had been sanctioned in the first instance for three years but it has now been extended for a further period of three years till 31st March 1951. The essentials of the scheme are (1) carrying out anti-larval measures in and around the whole of Poona city and suburban area, (2) indoor residual spraying with D.D.T. in 15 villages of Haveri Taluka and (3) co-ordination of the activities of the Army Malaria Control Units working in Poona and Kirkee Cantonments with those of the present scheme. Owing to the withdrawal of control measured by the Army Units over a section of the Mutha-Mula river below the bund, the control of this section was taken over by the present scheme.

The main anti-larval methods employed were the use of 1 per cent. coppercyanide and of crude oil with or without addition of D.D.T.

There has been a progressive reduction in the incidence of Malaria in the city and suburbs since the inception of the scheme. The spleen rates and the dispensary data from a few selected localities are given below :—

				<i>Spleen rates.</i>				
				1944	1945	1946	1947	1948
Yeravda	...	...	82	36	20	6	5	
New Kirkee	...	...	70	15	10	7	4	
Shivajinagar	...	...	19	8	5	3	0	
Narayan Peth	...	...	22	13	10	4	2	
Mundwa	...	...	86	33	21	8	1	
Hingne	...	...	38	27	10	11	3	
Khadakvasla	...	...	31	25	14	3	3	
Kothrud	...	...	56	42	31	30	17	

Number of malaria cases treated in Municipal Dispensaries.

		1941	1942	1943	1944	1945	1946	1947	1948
Yeravda	...	2878	3190	3198	3391	1148	517	349	299
Shivajinagar.		2730	2029	1738	1924	1067	657	705	544
Narayan Peth		2970	2162	2728	1617	1226	835	665	446

Malaria Survey Squads.—Five survey squads each having a staff of one Gazetted Medical Officer in charge, two Laboratory Assistants, four Insect Collectors (eight in Nasik squad), one clerk, one peon and one sweeper were in existence during 1948. The function of those squads is to conduct thorough investigations on the epidemiology of malaria in the districts to which they are posted with the ultimate view of preparing comprehensive and district-wide schemes of malaria control suited to the peculiar conditions of each district. Normally one year, and if conditions demand it, two years are spent on such surveys in each district. It is expected that all the districts of the Province would have been covered within five years.

At the beginning of 1948, surveys were in progress in (1) Bijapur District, (2) Sholapur and Poona Districts, (Nira canals Zone), (3) Ahmedabad District, (4) Nasik District and (5) Kaira District. The surveys in Bijapur, Ahmedabad and Kaira Districts were completed by April and the squads were moved to East Khandesh, West Khandesh and Panch Mahals Districts respectively. The survey squads in Nasik District and the Nira Canals Zone were continued for one more year in the same areas in order to carry out further investigations. The summaries of the findings of the squads are given below :—

Bijapur Survey.—The study of malaria prevalence in all the talukas of the district revealed that hyperendemic conditions prevailed generally only in Badami Taluka and a few scattered villages of the neighbouring talukas. The rest of the district was healthy. *Anopheles culicifacies* was the principal vector and the season of transmission was from July to December. A *Stephensi* (var *mysorensis*?) and *A. fluviatilis* were also found infected in nature but only one specimen of each. The statistical summary of the actual work done in 1948 in connection with this survey is as follows :—

Spleen survey.							
Taluka.		Number of villages visited.	Number of children.	Number with enlarged spleen.	Spleen rate	Remarks.	
Hungund	..	13	2,584	100	3·8	Other villages in these and other talukas were surveyed in the previous year.	
Indi	...	12	1,629	103	6·32		
Badami	...	2	258	21	8·13		
Bijapur	...	1	30	...	...		
Total	...	28	4,501	224	...		

A total of 16,595 adult anophelines of the following species was collected, annularis (143), culicifacies (6,024), fluviatilis (3,450), hyrcanus (1), jamesi (64), pallidus (13), splendidus (26), stephensi (3,417), subpictus (3,146), tessellatus (2), theobaldi (1), turkhudi (171), vagus (28), and varuna (18). 2,693 anopheles larvæ were indentified. 1,615 adults of several species were dissected and one *culicifacies* was found positive.

A scheme for malaria control in the whole of Badami Taluka and selected villages in other talukas was prepared and submitted to Government for their consideration and early sanction. D. D. T. indoor residual spraying of all houses and cattlesheds, thrice during the malaria season, with the dosages and technique now in practice in Dharwar District is the recommended method. 21,000 lbs. of D. D. T. (technical), 7,000 gallons of M. K. E. and 1,000 lbs. of soap are estimated to be required. The total estimated average annual budget of the scheme is Rs. 83,618. The District Health Officer, Bijapur is to be in administrative charge of the scheme under the technical supervision of the Malaria Organisation. An additional staff of two Malaria Supervisors, 5 Havildars, 20 sepoy has been recommended. Provision on this behalf has been included in the Budget for 1949-50 and control measures will be started in July 1949.

Ahmedabad Survey.—Malaria was found to be prevalent in all the talukas of the district, with varying degrees of intensity, from moderate to hyperendemicity. *Anopheles culicifacies* is the vector and the transmission season is sharply limited to the monsoon and the post monsoon months. The statistical summary of the work actually done in 1948 for completing the survey is as follows :—

Taluka.	Spleen survey.				Parasite survey.				infant parasite Survey.
	Number of villages visited.	Number of children Exmd.	Number with enlarged spleen.	spleen rate.	Number of villages visited.	Number of children Exmd.	Number with Malaria parasites.	para-site rate.	
Sanand ..	5	305	133	43.5	4	50	5	10	
Viramgam ..	2	222	54	24.3	..	..	..	..	
Dholka ..	6	355	164	46.2	2	35	5	14.3	
Dhanduka ..	17	871	536	61.5	3	47	6	12.8	
Gogra Mahal ..	7	378	168	44.3	6	115	12	10.4	
Prantij ..	12	971	420	43.3	7	98	13	13.3	
Modasa ..	10	660	245	37.1	9	175	20	12	
Total ..	59	3,763	1,720	..	31	520	61	..	

A total of 12,036 adults of *Anopheles* was collected during 1948; annularis (3,741), culicifacies (110), pallidus (9), stephensi (78), subpictus (8,584) and vagus (383). 556 of them were dissected and no infections met with. 254 anopheles larvæ were identified.

A scheme for malaria, control in the entire district was prepared and submitted to the Government. D. D. T. indoor residual spraying of all houses and cattlesheds has been recommended. In view of the very sharp limitation of the season of transmission, it has been proposed to try three types of spraying programmes, (1) two rounds of spray at 120 milligrams and the other at 60 milligrams, (2) one round of spray at 120 milligrams of D. D. T. per square foot/and (3) three rounds of spray each of 60 milligrams per square foot. The

results of these different methods are to be studied carefully in order to develop an ultimate programme and a dosage which would entail the lowest *per capita* cost consistent with efficiency. The total estimated requirements of D.D.T., are 62,000 lbs., of M. K. E. 21,000 gallons and soap 4,650 lbs. The total annual average estimated budget is Rs. 2,99,065 and control will be started from July 1949.

Kaira Survey.—The survey revealed that hyperendemic malaria prevalence was found mainly in the four northern talukas of Matar, Mehemedabad, Kapadwanj and Thasra. Only moderate prevalence in scattered villages was found in the other talukas. *Anopheles culicifacies* is the vector and as in Ahmedabad District, season of transmission is sharply limited to the monsoon and post monsoon months. The statistical summary of the actual work done in 1948 is as follows:—

Taluka	Spleen survey.					Parasite survey				Infant parasite.		
	Number of villages visited.	Number of children exmd.	Number with enlarged spleen.	Spleen rate.	Number of villages visited.	Number of children exmd.	Number with malaria parasite.	Parasite rate.	Number of villages visited.	Number of infants exmd.	Number with malaria parasite.	Infant parasite.
1	2	3	4	5	6	7	8	9	10	11	12	13
Anand	20	1,114	125	11.2	17	906	32	3.5	..	..	..	..
Borsad	17	855	108	12.6	11	529	28	5.3	..	..	..	..
Nadiad	13	1,005	128	12.7	13	821	38	4.6	1	11	2	18.2
Kapadwanj	14	782	186	23.8	9	559	45	8.0	1	16	2	12.25
Matar	4	249	74	29.7	4	206	19	9.2	..	..	..	..
Thasra	1	36	23	63.9	1	36	6	16.7	..	..	..	..
Total	69	4,041	644	..	55	3,057	168	..	2	27	4	..

Adults of the following species of anophelines were collected:—

Annularis (207), culicifacies (764), pallidus (1), stephensi (6) and subpictus (281), 2 specimens of multicolour were also found. 411 adults of all species were dissected and no positive found. 3,740 anopheles larvae were identified.

A scheme for malaria control for all villages in Matar, Mehemedabad, Kapadwanj and Thasra Talukas and four selected villages in other talukas was prepared and submitted to Government, D.D.T. indoor residual spraying of all houses and cattlesheds, thrice during the malaria season, at a dose of 60 milligrams of D.D.T. per square foot has been recommended. The estimated requirements of D.D.T. is 32,500 lbs., of M. K. E. 10,840 gallons and of soap 2,459 lbs.

The total annual estimated budget is Rs. 1,95,630 and control measures will be carried out from July 1949.

Nasik Survey.—During 1947 and early part of 1948 the survey was mainly limited to Nasik, Kalwan and Dindori Talukas of the district. As it was considered desirable that all other talukas, particularly Peint Petha should also be surveyed in detail, the period of the survey was extended by one year. The survey of the district is nearing completion, and has revealed that the whole of the district is malarious but the intensity of its prevalence varies considerably. While Peint, Kalwan and Dindori Talukas may be considered to be uniformly malarious, the prevalence of the disease in other talukas is scattered. *Anopheles culicifacies*, is the principal vector, but *A. fluviatilis* is also found to play a significant role in Peint Petha. One specimen of *A. turkhudi* was found naturally infected with sporozoites of a species of avian plasmodium. A finding of some biological interest was the discovery of a new species of Trypanosome (T. Kalwanensis, Viswanathan and Bhatt 1948), in the salivary glands of *Anopheles culicifacies*. This is perhaps the first report of the occurrence of a true trypanosome in the salivary glands of any anopheles mosquito in the work, showing all developmental forms. A further point of interest is the finding of plasmodial sporozoites in the glands of the same mosquito. The plasmodium however is not of human origin. The statistical summary of the work actually carried out by the squad during 1948 is as follows:—

Taluka.	Spleen Survey.				Parasite Survey.			
	Number of villages visited.	Number of Children examined.	Number with enlarged spleen.	Spleen rate.	Number of villages visited.	Number of Children Examined.	Number with malaria parasite.	Parasite rate.
Dindori ..	26	1,520	417	27·4	19	1,057	134	12·7
Kalwan ..	24	1,449	535	36·9	21	1,150	233	20·3
Peint ..	10	726	421	58·0	10	737	189	25·6
Nasik ..	19	1,317	167	12·2	11	283	48	17·0
Sinnar ..	20	2,100	350	16·6	6	347	90	26·0
Niphad ..	21	2,831	356	12·5	3	171	15	8·8
Yeola ..	21	1,741	220	12·6	4	207	26	12·5
Chandor ..	21	2,082	445	21·3	7	207	16	7·7
Igatpuri ..	21	1,347	368	27·4	..	..	..	..
Nandgaon ..	20	1,360	279	20·5	6	346	81	23·4
Total ..	203	16,526	3,558	..	87	4,505	832	..

The species of anopheles met with in the district were :—

Annularis (222), *barbirostris* (7), *culicifacies* (21,451), *fluviatilis* (2,251), *hyrcanus* (1), *jamesi* (684), *Jeyporiensis* (2,148), *maculatus* (2), *moghulensis* (334), *pallidus* (22), *splendidus* (241), *stephensi* (808), *subpictus* (4,872), *tessellatus* (46), *theobaldi* (309), *turkhudi* (2,833), *vagus* (48) and *varuna* (1). The figures in brackets are the numbers of adults collected in 1948, a total of 36,253. 6,520 were dissected, of which one *culicifacies* and three *fluviatilis* were found positive. 14,828 anopheles larvae were identified.

Nira Canals Zone Survey.—The period of survey of this squad, having headquarters at Baramati, was extended by one year to carry out a more exhaustive survey of the area already covered and to extend the survey to all the talukas of Poona District. The survey had already revealed that moderate endemicity of malaria prevailed in the entire area bounded by the right bank and left bank Nira Canals, in Bhimthadi, Pandapur talukas of Poona District, and Malshiras and Pandharpur talukas of Sholapur District. The other talukas of Sholapur District are practically free from malaria. The survey of the rest of Poona District is in progress. A finding of great significance is that *A. fluviatilis* is a vector of some importance in the Nira Canals Zone. This species had been regarded till now as of not very material importance in the malaria epidemiology of the Deccan. It would now however appear that all the 3 species *culicifacies*, *fluviatilis* and *stephensi* should be accorded equal importance as regards vectorial capacity their relative densities being of the greatest importance. The statistical summary of the work done by the squad during 1948 is as follows :—

Taluka.	Spleen survey.				Parasite survey.			
	Number of villages visited.	Number of children examined.	Number with enlarged spleen.	Spleen rate.	Number of villages visited.	Number of children examined.	Number with malaria parasite.	Parasite rate.
Barsi ..	7	674	72	10·7	1	25	10	40·0
Malshiras ..	2	481	111	23·0	2	55	9	16·4
Halol ..	11	1,157	203	17·6	..	..	..	..
Mahol ..	13	783	19	2·4	..	..	..	..
Sholapur ..	12	976	76	7·8	1	50	6	12·0
Wangola ..	9	1,193	52	4·4	..	..	..	..
Baramati ..	7	936	129	13·8	4	183	8	4·4
Karmala ..	8	381	15	3·9	..	..	..	..
Dhond Petha ..	16	2,218	191	8·5	2	60	10	16·6
Pandapur ..	3	213	40	18·8	..	..	..	..
Purandhar ..	5	2,021	108	10·6	..	..	..	..
Total ..	93	11,133	1,016	..	10	373	43	..

The species of anopheles met with in the district were :—

Annularis (2), *barbirostris* (3), *culicifacies* (35,055), *fluviatilis* (35,924), *hyrcanus* (3), *pallidus* (4), *splendidus* (7), *stephensi* (48,687), *subpictus* (27,485), *theobaldi* (4), *vagus* (496) and *varuna* (13). The figures in the brackets indicate number of adults collected, making a total of 145,606. 12,647 adults of several species were dissected and 7 infected specimens of *fluviatilis* were found. 27,680 larvæ of several species were also identified.

(A) *Panch Mahals Survey*.—The survey commenced in June 1948 and is in progress. Moderate to hyper endemic malaria prevalence has been found in all talukas. The statistical summary of the work done in 1948 is as follow :—

Taluka.	Spleen survey.				Parasity survey.				Infant parasite.			
	No. of villages visited.	No. of children examined.	No. with enlarged sple n.	Spleen rate.	No. of villages visited.	No. of children examined.	No. with malaria parasite.	Parasite rate.	No. of villages visited.	No. of infants examined.	No. with malaria parasite.	Parasite rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
Godhra ..	26	1,710	588	34.4	19	1,199	90	7.6	1	14	1	7.1
Kalol ..	14	944	309	32.9	12	738	40	5.4	1	25	1	4.0
Dohad ..	17	817	369	45.2	14	659	87	13.2	1	23	2	8.7
Zhalod ..	17	830	542	67.3	8	412	51	12.4	..	..	..	..
Halol ..	12	550	248	45.0	8	387	40	10.3	1	14	2	14.3
Devagad Barla (merged State).	2	121	45	37.2	1	121	7	5.7	..	..	..	..
Lunavda (mer- ged State) ..	1	38	26	68.4	1	38	4	10.5	..	..	..	..
Total ..	89	5,000	2,127	..	64	3,554	319	..	4	76	6	..

Adults of the following species of anopheles were collected :—

Annularies	..	..	1,881	Pallidus	..	2,101
Culicifacies	..	..	4,519	Tessellatus	..	12
Fluviatilis	..	..	113	Vagus	..	6
Stephensi	..	..	394	Varuna	..	10
Supbictus	..	..	7,555	Pulcherrimus	..	3
Jamesi	..	..	4	Splendidus	..	1
Turkhudi	..	..	14			

Total .. 16,591

3,965 adults of several species were dissected but only one infected *fluviatilis* was found. 5,948 larvae of several species were also identified.

West and East Khandesh Squads.—Though these two squads worked independently since June in two different districts, they may be considered together for purposes of study of the epidemiology because of their contiguity and marked similarity. The talukas in the plane of both the districts are moderately malarious but the talukas of Navapur, Taloda, Shahada and Chopda, all situated on or at the foot of the hills are highly malarious. The survey is still in progress. *A. culicifacies* has been found to be the vector in the planes.

The statistical summaries of the work actually done in 1948 by the two squads are as follows:—

West Khandesh Squad.

Taluka.	Spleen survey.				Parasite survey.			
	Number of villages visited.	Number of children examined.	Number with enlarged spleen.	Spleen rate.	Number of villages visited.	Number of children examined.	Number with malaria parasite.	Parasite rate.
Akri ..	14	1,151	390	33·9	4	88	37	42·0
Dhulia ..	18	1,882	725	38·3	8	225	42	18·7
Taloda ..	23	1,193	506	42·4	4	106	23	21·7
Shahada ..	9	1,015	190	18·7	2	33	7	21·2
Akarni Mahal.	11	229	178	77·7	4	73	31	42·5
Navapur ..	7	630	141	22·4	5	75	26	34·7
Total ..	82	6,110	2,130	..	27	600	166	..

Adults of the following anopheles species were met with:—

Annularis ..	..	398	Subpictus ..	38,871
Barbirostris ..	..	4	Turkhudi ..	611
Culicifacies ..	..	50,878	Theobaldi ..	6
Fluviatilis ..	..	1,927	Jeyporiensis ..	7
Stephensi ..	..	3,882	Pallidus ..	12
Total ..				97,594

8,221 adults of several species were dissected but no positive has been found. 7,914 larvae of several species were identified.

East Khandesh Squad.

			Spleen survey.			
Taluka.			Number of villages visited.	Number of children examined.	Number with enlarged spleen.	Spleen rate.
Jalgaon	..	..	11	1,359	259	19.0
Jamner	..	..	16	1,384	331	23.9
Raver	..	..	11	1,223	155	12.7
Bhusaval	..	..	9	1,205	199	16.5
Erandol	..	..	14	1,876	405	21.6
Pachora	..	..	12	1,177	330	28.0
Chopda	..	..	12	1,803	494	27.4
Yaval	..	..	10	1,325	312	23.6
Bhadgaon Petha		..	2	136	49	36.0
Parola	..	..	12	1,339	409	30.5
Edlabad	..	..	7	608	156	25.6
Total ..			116	13,435	3,035	....

Adults of the following species of anopheles were collected :—

Annularies	..	612	Splendidus	..	4
Barbirostris	..	5	Theobladi	..	21
Culicifacies	..	6,759	Turkhudi	..	57
Fluviatilis	..	218	Tessellatus	..	5
Jamesi	..	1	Pallidus	..	33
Jeyporiensis	..	2	Vagus	..	12
Subpietus	..	13,743	Varuna	..	7

Total .. 33,361

2,223 adults of several species were dissected and 7 infected specimens of *culicifacies* were found.

Jalalpore (Surat District) Malaria Control Scheme.

In January 1948, Government sanctioned a scheme of malaria control by the use of DDT indoor residual spraying in Jalalpore town and Vijalpore village, Surat District. The work was commenced in September and three rounds of spraying were completed.

Training.—A training class in the principles of malaria surveys and control was held in February and March 1948 at which five students deputed either by the Public Health Department or by the local authorities, underwent the course.

Publications.—The following technical papers were published by the members of the Malaria Organisation in 1948.

1. Viswanathan D. K. and Bhatt, H. R.—A new species of *Protonotaria* met with in the salivary glands of *A. culicifacies* Giles, in the course of a routine malaria survey—*Trypanosoma kalwanensis* Viswanathan and Bhatt (1948).

Indian J1. of Malariology, 1948.

Vol. 2, No. 4.

2. Viswanathan D. K. and Ramachandra Rao T. Control of rural malaria with D.D.T. indoor residual spraying in Kanara and Dharwar districts, Bombay Province, Second Year's results, Indian J1. of Malariology, 1948.

Vol. 2, No. 4.

3. Godbole S. H., Ramachandra Rao T. and Viswanathan D. K. Malaria Survey of Bijapur District (Abstract).

Indian J1. of Malariology, 1948.

Vol. 2, No. 4.

4. Ramachandra Rao T. Visual responses of mosquitoes artificially rendered flightless (received in 1948).

Indian J1. of Experimental Biology (1947).

Vol. 24, Nos. 1 and 2.

Budget.—The total budget of the Malaria Organisation in 1948-49 was Rs. 13,32,013 and in addition a provision of Rs. 7,72,000 was made

for the supply of anti-malarial drugs. The details of the estimates were as follows :—

	Rs.
1. Permanent Malaria Organisation	87,560
2. Comprehensive Scheme for Malaria control in Kanara—Dharwar Districts	6,52,200
3. Extension of Scheme to Shirhatti Taluka ..	31,461
4. Malaria Control Scheme, Greater Poona ..	67,318
5. Malaria Control Scheme, Thana District ..	3,79,774
6. Malaria Control Scheme, Jalalpore	6,000
7. Malaria Investigation Squads	1,07,700

13,32,013

84. *Deaths from Malaria.*—During the year 33,782 deaths from Malaria were recorded against 41,399 in 1947. The death rate was 1·47 in 1948 against 1·82 in 1947.

85. *Deaths from Malaria by Districts.*—The largest number of deaths due to Malaria were reported from the Districts of Nasik 7,045, East Khandesh 6,235, West Khandesh 5,390, Poona 3,518 and Ahmednagar 2,816.

86. *Relation of deaths from Malaria to deaths from fevers.*—During the year under report 1,77,918 deaths from fevers were reported out of which 33,782 were attributed to Malaria. The percentage of deaths from malaria to those from fevers was 18 as compared with 20 in 1947.

87. *Seasonal Mortality of Malaria.*—The period between August to December had slightly higher incidence as compared to the remaining months during which the incidence did not show much variation.

88. *Deaths from Malaria in Urban and Rural Areas.*—Among towns high number of deaths due to malaria was reported from Poona (803) Surat (314), Nasik (195), Dholka (195) and Dhulia (172) and in rural areas in the Districts of Nasik (6,593), East Khandesh (5,486), West Khandesh (4,981), Ahmednagar (2,758) and Poona (2,595).

89. *Touring Medical Officers on Malaria Duty.*—For the Malaria season four special Medical Officers were appointed one each in the Districts of Kolaba, Ahmednagar, East Khandesh and West Khandesh for visiting the villages in the malarious parts and treating cases of fever found in there. Arrangements were also made for the treatment with quinine and paludrine of the Malaria cases through the touring staff of this Department, e.g., Epidemic Medical Officers, Sanitary Inspectors, Vaccinators etc. As a severe epidemic of malaria was reported from

parts of Kolaba District emergent measures including indoor spraying of houses with DDT and distribution of large quantities of antimalaria drugs were adopted in the affected areas.

In the Central Registration District -177,816 and in Northern Registration District 100,619 cases of malaria were treated in the Civil Hospitals and dispensaries in the different districts.

In the Central Registration District 179,425 quinine tablets, 15,000 Mepacrine tablets, 209,300 Paludrine tablets, in the Northern Registration District 38,098 five grain and 30,461 two grain quinine tablets, 49,615 Mepacrine tablets and 1,14,291 Paludrine tablets and in Southern Registration District 23,289, five grain and 44,189 two grain quinine tablets, 20,004 Mepacrine tablets and 58,102 Paludrine tablets, were distributed free through the touring Public Health Staff for treatment of Malaria cases.

90. *Distribution of quinine and quinine substitutes.*—During the year under report Government sanctioned a grant of Rs. 140,430 for (1) free distribution of quinine and its substitutes (2) sale of quinine and its substitutes at Post Offices (3) sale of quinine hydrochloride treatments and (4) purchase of quinine substitutes for the Province of Bombay.

Rs. 122,125 were spent during the year towards (1) meeting the cost of quinine powder purchased during the previous year, (2) manufacture of quinine tablets for free distribution in rural areas as well as for sale at Post Offices and also to certain officials and Institutions, (3) preparing and supplying quinine hydrochloride tablets in the form of treatments and (4) purchase of five lakhs of Paludrine tablets worth Rs. 8,895.

In replacement of the scheme of distribution of quinine, mepacrine or quinacrine tablets, Government sanctioned the distribution of Paludrine tablets in September 1948. According to the revised scheme Paludrine tablets are sold to the general Public at the rate of nine pies per packet containing 3 tablets each. In the case of really indigent patients, who are not able to pay even this small sum, the tablets are supplied free.

Quinine worth Rs. 32,837, mepacrine and quinacrine tablets worth Rs. 16,725 and Paludrine tablets worth Rs. 3,469 were distributed free to the Public through Revenue and other Officials, the Administrative Officers of District School Boards and Officers and subordinates of the Public Health Department.

The Assistant Director of Public Health C. R. D. Poona, credited a total amount of Rs. 21,882 realized from the sale of quinine and its substitutes at Post Offices and also to Government Departments and Local Bodies and sale of quinine treatment parcels and Paludrine tablets.

The cost of quinine and quinine substitutes issued for free distribution through School Boards and through the Officers of the Public Health and Revenue Departments was as under :—

Serial No.	Districts	School Boards.	Officer of the Public Health Department and Revenue Department.			
			Quinine	Quinine substitutes like quina- crine and Mepacrine	Quinine substitutes like quina- crine and Mepacrine	Paludrine
			Rs.	Rs.	Rs.	Rs.
1	East Khandesh	...	647	310	723	1,085
2	West Khandesh	...	370	465	852	701
3	Surat	...	463	...	1,146	636
4	Broach	...	277	465	2,177	936
5	Panch Mahals	...	555	310	336	62
6	Kaira	...	277	124	1,923	1,220
7	Ahmedabad	...	93	310	636	938
8	Ahmednagar	...	785	465	806	388
9	Poona	...	160	47	5,537	1,197
10	Nasik	...	182	...	841	217
11	Thana	...	2,305	1,163	1,054	565
12	Bombay Suburban	...	42	23	101	16
13	Kolaba	...	184	155	1,218	899
14	Ratnagiri	...	...	...	280	46
15	Belgaum	...	461	155	1,379	698
16	Dharwar	...	138	372	1,108	388
17	Bijapur	...	985	310	830	527
18	Kanara	...	661	372	1,318	527
19	Sholapur	...	223	47	609	186
20	Satara	...	201	47	954	353
Total for the Province			9,009	5,140	23,828	11,585
						3,469

CHAPTER VI

FAIRS AND FESTIVALS

91. *Pandharpur*.—The principal day of the Ashadhi Fair fell on 17th July 1948. The total number of pilgrims who attended the fair was 151,007 as against 127,540 in 1947. The amount of tax collected was Rs. 55,638-6-0.

As in previous years arrangements were made in all Civil Hospitals and Dispensaries for free inoculation of intending pilgrims against Cholera and for supplying them certificates of inoculation before the fair was due to be held. A notification was issued by the District Magistrate, Sholapur, under Section 45 (1) of the Bombay District Police Act, 1890, prohibiting entry into Pandharpur of persons

not inoculated against cholera within the preceding six months. Arrangements were made by the Pilgrim Committee for free inoculation to pilgrims at the various nakas and Railway Station for which purpose 54 inoculators and 19 Assistants were employed. The number of pilgrims inoculated by them was 78,220. The rest of the pilgrims arrived with certificates of previous inoculation. Arrangements were made in the town to inoculate the local population before the fair commenced and 19,638 were inoculated. 182 inoculations were performed during the fair.

Palkhis—Sanitation of the Camps.—The District Health Officers and Assistant Director of Public Health through whose districts the palkhis passed, made arrangements for the sanitation of the halting places of palkhis, inoculation of pilgrims enroute, detection and isolation of cases of epidemic diseases and sterilization of water supplies.

Necessary sanitary arrangements were made by the G. I. P. Railway at Kurduwadi Station, by the Barsi Light Railway at the Pandharpur Railway Station and by the Pilgrim Committee at Wakhari. One Infectious Diseases Hospital was opened at Kurduwadi and another at Wakhari.

Health of Pilgrims.—The following table shows the admissions in the Infectious Diseases Hospital opened at Pandharpur :—

			Attacks.	Deaths.
Small-pox	...	...	5	...
Diarrhoea	...	...	4	...
Dysentery	...	...	2	...
Cholera	...	...	2	...
(one suspected)				

The Director of Public Health for the Government of Bombay, the Assistant Director, Public Health, S.R.D., Belgaum, the Prant Officer, Pandharpur Division and the Deputy Superintendent of Police, Sholapur, camped at Pandharpur and inspected the arrangements. The Pilgrim Committee, Pandharpur, made satisfactory arrangements for the management of the fair.

The Kartiki Fair at Pandharpur was held on the 12th November 1948. The total number of pilgrims who attended the fair was 205,930, i. e. about double the usual number of pilgrims. All sanitary arrangements e. g. trenches, cleansing of drains, urinals, conservancy, etc. were made during the fair. The Infectious Diseases Hospital was kept open from 8th November 1948, no case of any infectious disease being admitted to the Hospital, during the fair. The Director of Public Health, the Assistant Director, Public Health, S. R. D., and the Prant Officer, Pandharpur Division, camped at Pandharpur and inspected the arrangements.

Other fairs.—The Nivruttinath Maharaj Fair was held at Trimbak (Nasik District) on 5th February 1948. About 14,000 pilgrims attended the fair. Sanitary arrangements were made as usual. No incidence of

outbreak of any epidemic disease was reported during the fair period. The Sapta Shringi Gad Fair attracted 60,000 pilgrims. All sanitary arrangements were made. The Kartiki Fair at Dehu was held from 23rd to 30th November 1948, the main day being the 27th. The fair was attended by 23,000 pilgrims approximately. The chief day of the Kartiki fair at Alandi was 27th November 1948. About 88,000 pilgrims attended the fair. The Assistant Director, Public Health, C. R. D., Poona, recommended as usual anti-epidemic measures and sanitary arrangements which were carried out by the Municipality. The Commissioner, Central Division, the Collector of Poona and the Assistant Director, Public Health, C. R. D., visited the fair on the chief day. There was no case of any infectious disease, and the fair passed off with a clean bill of health.

The Bhimashankar Fair was held on 9th March 1948 attracting about 16,000 pilgrims.

The Manek Thari Punem Fair and the Rath Jatra Fair were held at Dakor (Kaira District) on full moon days in the months of Ashwin and Ashad respectively. The total number of pilgrims who paid the tax at all the fairs was 372,357 against 372,612 during the previous year. Sanitary arrangements were carried out by the Municipality on the lines suggested by the Assistant Director, Public Health, N. R. D., Ahmedabad. The Epidemic Medical Officer and the Inspector of Sanitation and Vaccination, Kaira, attended the two fairs and assisted the Municipal staff. The Assistant Director, Public Health, N. R. D., Ahmedabad and the Prant Officer, Anand Division, attended both the fairs. The Collector attended the Manek Thari Punem Fair. The Shuklatirth Fair in Broach District was held on 16th November 1948. About 30,800 pilgrims attended the fair. The Inspector of Sanitation and Vaccination camped at Shuklatirth from 12th to 17th November 1948 and supervised the sanitary arrangements. The fair passed off with a clean bill of health. The fair at Vautha was banned by the District Magistrate, Ahmedabad.

Of the four periodical fairs at Saundatti Yellamma (District Belgaum), the Maghi Fair is the most important but owing to prevalence of cholera in Sampgaon taluka and in some of the villages in the adjoining Bijapur District and acute scarcity of water at the Yellamma Hill, the fair was banned this year. The fair at Yamnur was held from 25th March 1948 to 2nd April 1948. About 50,000 people attended the fair. The Ban-shankari Fair was held from 24th January 1948 to 30th January 1948. The total number of pilgrims attending the fair was 50,000 approximately. The fair at Shinganapur was held from 14th April 1948 to 23rd April 1948. About 50,000 pilgrims attended the fair. The fair at Gokarn was held from 26th February 1948 to 15th March 1948. More than 25,000 pilgrims attended the fair. The Civil Surgeon and District Health Officer, Kanara, camped at Gokarn from 6th March 1948 to 12th March 1948 and supervised the sanitary arrangements. The Ulvi Fair was held from 19th to 24th February 1948. About 20,000 pilgrims attended the fair.

CHAPTER VII

URBAN SANITATION

92. *Classification of Municipalities.*—There are 131 Municipalities in the Province. Of these (excluding the Bombay Municipality) the Ahmedabad, Nadiad, Broach, Surat, Thana, Bandra, Kurla, Ahmednagar, Jalgaon, Bhusawal, Amalner, Chalisgaon, Dhulia, Nasik, Malegaon, Poona City, Poona Suburban, Lonavla, Satara, Sholapur, Pandharpur, Belgaum, Bijapur, Dharwar, Hubli, Gadag-Betgeri, Barsi, Kalyan, Godhra, Ratnagiri and Parle-Andheri Municipalities are Borough Municipalities, Viramgaum, Bagalkot, Yeola and Guledgud are City Municipalities and the rest are District Municipalities.

93. *Number of Medical Officers of Health.*—During the year under report, Medical Officers of Health having British Diploma in Public Health were employed in Poona City, Nasik, Ahmedabad, Dhulia and Pandharpur. The Ahmedabad Municipality also maintained two fully qualified Deputy Health Officers. Health Officers holding a medical degree of the Bombay University and the B. Hy. (Bombay) or D. P. H. (Bombay) were employed by Sholapur, Surat, Ahmednagar, Bandra and Parle-Andheri Municipalities. Bijapur Municipality employed a medical graduate with Junior Health Officer's Examination Certificate as its Medical Officer of Health. The Jalgaon and Dharwar Municipalities maintained medical licentiates with Junior Health Officer's Certificate as their Medical Officers of Health while the Kurla Municipality appointed one with D. P. H. and Hy.

94. *Number of Sanitary Inspectors.*—148 Sanitary Inspectors were employed in 58 towns—Ahmedabad 18, Poona City 17, Sholapur and Surat 10 each, Hubli 5, Belgaum and Bandra 4 each, Dharwar, Gadag, Dhulia, Nadiad, Broach, Nasik, Parle-Andheri, Ahmednagar, Kalyan and Malegaon 3 each, Barsi, Pandharpur, Bijapur, Bhusawal, Jalgaon, Godhra, Kurla and Thana two each and Karwar, Nipani, Athani, Ilkal, Guledgud, Panchgani, Mahableshwar, Karad, Satara, Bagalkot, Saundatti, Ranebennur, Yeola, Nandgaon, Ratnagiri, Baramati, Manmad, Sangamner, Bhiwandi, Bulsar, Rander, Jambusar, Ankleshwar, Kapadvanj, Anand, Borsad, Dohad, Dholka, Viramgaum, Dhandhuka, Chalisgaon, Amalner, Chopda and Nandurbar one each. Trimbak, Lonavla, Poona City, Poona Suburban, Ghatkopar-Kirol, Sholapur, Thana, Igatpuri and Hubli Municipalities employed a Chief Sanitary Inspector each.

95. *Municipal Sanitary Works.*—Advice was given to the Municipalities by the Assistant Directors of Public Health and District Health Officers in matters of water-supply, conservancy, prevention and spread of diseases and sanitary matters generally. Action taken by the municipalities on the suggestions of the Assistant Directors of Public Health is summarised below :—

The Anand Municipality purchased two night-soil cylinders to increase the number of night-soil carts, Rander Municipality purchased 32 dustbins, Taloda Municipality carried out repairs to municipal gutters. The Nasik system of trenching night-soil was adopted by Surat, Bulsar, Dakor, Godhra, Amalner, Jalgaon, Chopda, Parola, Sanand, Ankleshwar, Bhusawal, Chalisgaon, Taloda, Shirpur and Raver Municipalities and it proved successful in all these towns. The compost system of disposal

of night-soil was adopted by the Anand, Bhusawal, Rander, Chalisgaon, Borsad, Broach, Dharangaon, Kaira, Nadiad, Jalgaon, Taloda and Dhulia Municipalities.

Wai Municipality constructed a channel to drain stagnant water, Sholapur constructed 60 additional seats for public latrines, Barsi constructed new drains measuring 975 feet and also constructed two new public latrines, Belgaum constructed surface drains and acquired land for bhangi passages. Bijapur constructed new drains and repaired old ones, Hubli constructed new drainage and made improvements to water supply etc., Ranebennur constructed latrines and prepared a lay out for compost depot, Haveri took up road widening, Gadag constructed surface drains, Honavar repaired drains and culverts and Sirsi constructed a urinal and dust-bins.

96. *Municipal Water Supply*.—There are piped water supplies in 37 towns. Among these the supply was adequate in 21 towns.

97. *Infectious Diseases Hospital, Poona*.—The Infectious Diseases Hospital, Poona, admitted 768 patients of whom 150 died. The largest number of admission for any single infectious disease was 190 on account of small-pox, tetanus being the next highest with 115 admissions. 99 patients were admitted for Gastro-enteritis and 95 for diphtheria.

Ahmedabad and Sholapur Municipalities maintain separate Infectious Diseases Hospitals. Broach Municipality maintained an Infectious Diseases Hospital during the year. The Dakor Municipality has constructed an Infectious Diseases Ward. Surat Municipality has also constructed a small Infectious Diseases Hospital.

98. *Action taken by the Municipalities under Municipal Acts and Bye-laws*.—47 Municipalities issued 17,700 notices under different bye-laws pertaining to Public Health matters, of which 13,004 were complied with, 3,808 prosecutions were launched and 1,755 convictions obtained. Prosecutions in the case of 440 notices were withdrawn.

99. *Board of Public Health Works*.—During the year under report, three meetings of the Board were held in March, August and November. The following proposals of different local bodies were approved by the Board for preparation of plans and estimates by the Public Health Engineer to Government :—

Malegaon Drainage.
Barsi Water-supply.
Roha-Ashtami Water-supply.
Sankeshwar Water-supply.
Lonavla Water-supply.
Lonand Water-supply.
Talegaon-Dhamdhere Water-supply.
Nira Water-supply.

The projects prepared in respect of the following schemes were approved by the Board and grants recommended :—

Bandra and Danda Santacruz Drainage	33½ per cent. of the estimated cost.		
Canalization of the Krishna river at Wai	50 per cent.	Do.	do.
Improvements to Khed (Ratnagiri District) Water-supply.	50 per cent.	Do.	do.
Improvements to Sirur Water-supply ...	50 per cent.	Do.	do.
Bhiwandi Water-supply ...	50 per cent.	Do.	do.
Khed Water-supply (Poona District) ...	50 to 60 per cent.	Do.	do.
Mulgund Water-supply ...	50 to 60 per cent.	Do.	do.
Sunav Water-supply ...	50 per cent.	Do.	do.

CHAPTER VIII

RURAL SANITATION

100. *District Health Officers.*—The District Health Officers Scheme is functioning in all the Districts in the Province. The posts of District Health Officers of the Districts of Poona, Kolaba, Broach and Panch Mahals remained vacant on account of paucity of medical men qualified in Public Health. The Civil Surgeons of Kaira and Kanara had to continue as District Health Officers in addition to their duties.

The activities of the District Health Officers were directed towards control of epidemics as also other activities such as propaganda by way of magic lantern, village talk and group talk, etc., and more efficient management of fairs and festivals. Greater attention was being paid to disinfection of water supplies. The Sanitary squads were useful in cleaning villages, disinfection of water supplies, cyanogasing in times of epidemics, disinfection of infected material in case of infectious diseases, construction of soak-pits, bore hole latrines, removal of manure pits, etc., etc. Owing to the activities of the staff, there has been much improvement in the notification and registration of cases of the 3 main infectious diseases viz. Plague, Cholera and Smallpox. There has also been some improvement in the registration of births and deaths in rural areas.

101. *Epidemic Medical Officers.*—The services of Epidemic Medical Officers were mostly utilised for work in connection with epidemics. They also attended to general sanitation when there were no epidemics. They visited villages for control of epidemic diseases at the time of fairs. During the non-epidemic periods their services were utilised for rural medical relief.

102. *Health Unit, Sirur.*—The work of the Health Unit was satisfactory during the year. 1,893 births and 1,013 deaths were registered in the Health Unit area. 150 omissions in the Birth and Death registers maintained by the village police patels were detected against 101 in 1947. There were no cases of plague or cholera during the year. 4 anti-plague inoculations and 4,581 cholera inoculations were performed. 6 attacks with nil deaths from smallpox were recorded. 1,755 primary and 1,394 revaccinations were performed. During the year 26 villages and 103 premises were cleaned, 152 windows fixed, 17 soak-pits constructed and 69 soak-pits remodelled. Dung heaps removed outside the village numbered 195 and manure pits prepared were 8. 4 latrines were constructed. 10 kitchen gardens were made. Anti-malaria measures were taken and 76 places were oiled. The number of home visits paid by the staff during the year was 54,969. 48 clinics were held. The post-natal, ante-natal and infant visits amounted to 50,356. Labour cases conducted were 355. Home demonstration classes were also held during the year and the number of sessions held was 158, the total attendance being 7,655. The Unit is serving as a training centre for public health workers. Two classes of Sanitary Inspectors were trained for a month each and 67 Subsidised Medical Practitioners were under training in rural hygiene. Propaganda was conducted as usual by giving talks on rural sanitation. 69 lantern talks on different subjects were given and 36 cinema shows were held in the Health Unit area during the year under report.

103. *Combined Medical and Public Health Units.*—For description of the scheme please see paragraph 110 of this report (under Chapter No. IX, Maternity and Child Welfare) work done by the Health Assistants and Squads under them at each of the centres of combined Medical and Public Health Units is given below :—

Centre, Taluka and District.	Vaccinations.			Surroundings cleaned			Construction of					Disinfection			Mosquito breeding places treated.			Houses disinfected.	
	No. of villages visited.	Primary.	Re.	Road Swept-feet.	No. of Houses.	No. of Schools.	Pits filled.	Pits drained.	Trenches.	Bore-hole latrines.	Urinals.	Manure pits.	Baits laid.	Baits consumed.	Rats found dead.	Disinfection wells.	Disinfection Hondas.	No. of rat holes fumigated.	Houses disinfected.
Vapi, Pardi, Surat	8	408	266	4,72,903	18,353	299	800	1,089	..	1	..	291	21,749	3,360	1,511	3,005	..	28	42
Dangri, Bulsar, Surat	7	207	163	1,46,475	11,391	417	435	367	8	6	..	161	9,254	5,321	2,236	1,819	..	261	..
Rankuwa, Chikhli Surat	7	378	92	1,02,221	9,418	183	2,788	265	58	5	10	763	33,859	8,687	2,790	4,835	..	221	..
Bhata, Chorasi, Surat	6	310	33	3,67,450	39,702	400	72	13	76	30	299	278	65,468	50,348	896	1,274	..	37	..
Rahata, Kopergaon, Ahmednagar.	5	556	136	54,650	530	237	128	..	1	2	..	1	50,800	23,969	2,936	1,958	15	17	12
Wambori, Rahuri, Ahmednagar.	4	345	295	3,66,800	..	..	300	..	..	..	5	..	11,720	3,575	765	879	1153	263	..
Pimpalgaon Pisa, Shrigonda, Ahmednagar.	5	261	683	1,58,350	..	..	43	..	..	4	..	..	9,400	2,733	894	361	248	24	..
Kankavli, Kankavli, Ratnagiri.	5	751	215	53,800	288	284	234	2	8	..	24	97	46,270	24,406	1,301	2,276	..	6,525	..
Khadakvasla, Haveli, Poona.	7	237	49	10,200	..	..	16	6	..	..	..	21	1,960	1,080	64	..	283	..	..
Nagthana, Satara, Satara	6	309	1,131	1,32,264	275	4	8	1	21	3	..	4	92,178	14,483	453	11	..	3	255
Hattid, Sangole, Sholapur	7	381	280	2,66,144	433	19	95	..	485	..	41	223	1,20,282	61,383	1,358	908	..	..	13
Murgod, Parasgad Belgaum	7	270	5,546	1,52,989	424	18	481	271	22	8	9	239	58,068	36,016	603	82	1	..	27
Madhbhavi, Athani Belgaum.	6	493	4,333	2,25,777	503	21	134	24	..	4	4	5	50,844	18,962	1,687	26	..	..	2
Saundalga, Chikodi Belgaum.	7	200	821	92,911	1,057	10	32	103	4	16	12	1	89,392	40,464	162	18	1	..	..

104. *Land acquisition in villages for relieving over-crowding.*—Lands were acquired in consultation with this Department for the extension of one village site in Broach District, 4 in Sholapur District, 3 in Bijapur District, 2 in Belgaum and 7 in Dharwar.

105. *Village Water Supply.*—Government placed a grant of Rs. 23,00,000 at the disposal of the Commissioners of Divisions and a grant of Rs. 17,00,000 at the disposal of the Public Works Department for execution of village water supply works during the year 1948-49.

The following is a summary of the work done during the year, so far as it has been reported to this Department :—

District.	Number of step wells converted into draw wells.		Number of new draw wells constructed.	
1		2	3	
Ratnagiri	..	4	18	
Nasik	..	12	106	
Poona	..	1	..	
Kolaba	..	1	23	
Ahmednagar	..	22	44	
Bijapur	..	5	57	
				<i>Work proposed to be undertaken.</i>
Satara	..	10	6	251
Dharwar	..	1	8	725
Belgaum	..	..	..	154
Kanara	..	..	53	150
Sholapur	..	75	134	..

106. *Village Panchayats and Sanitary Committees.*—The Village Panchayats and Sanitary Committees in East Khandesh, West Khandesh, Satara, Belgaum, Bijapur, Dharwar and Sholapur Districts carried out various sanitary duties such as disinfection of water supplies, removal of manure pits outside village limits, arrangements for cleaning and sweeping of village roads, repairs to gutters, construction of latrines and purchase of rat-traps, etc.

107. *Guineaworm.*—Six anti-guineaworm workers were appointed in Dharwar District from February to June 1948. In all 1,277 cases were reported from 102 villages. The workers disinfected 118 step

wells and 76 honds in the 137 villages visited by them. They also carried out propaganda for prevention of the disease. The Sanitary Inspectors supervised their work.

108. *Rural Development*.—The District Rural Development Board have been functioning in all the districts of the province to assist and advise all officers engaged on or connected with schemes of rural development approved by Government and to formulate schemes for the improvement of rural areas for the consideration of Government. The Boards are to spend funds at their disposal on schemes of rural development approved by Government.

During the course of their tour the Inspectors of Sanitation and Vaccination and Sanitary Inspectors delivered lectures to the villagers on grow-more food and value of leafy vegetables in the diet, general sanitation, water supply, removal of refuse and night-soil, filling up of pits formed in gaathan, conversion of stepwells into draw wells, importance of fresh air and ventilation, epidemic diseases and their prevention, personal hygiene, balanced diet, physical culture, etc. Classes were also held by the Inspectors at various taluka head-quarters for village Police Patels and Secretaries of Village Panchayats, in village sanitation.

The following is the resume of health improvements carried out in villages in the different districts during the year, July 1947 to June 1948 for which reports from the Rural Development Board have been received:—

Kanara.—A Health Sub-Committee was formed by the Rural Development Board to advise in health matters. The Collector and Chairman of Rural Development Board sanctioned Rs. 600 for the training of secondary dais.

The propaganda van of the Bombay Mothers and Children Welfare Society (which has been taken over by Government since August 1948) toured in 35 villages in the district and arranged cinema shows. A sum of Rs. 800 was sanctioned by the Collector for this purpose.

Panch Mahals.—The Rural Development Board advised the Collector regarding selection of villages for providing drinking water supply. It co-operated with the various Departments in so far as their Rural Development activities were concerned. The Board noticed that the sanitary squads under the District Health Officers' Scheme carried out their duties properly.

Kaira.—The District Rural Development Board advised the Collector regarding the selection of villages for construction of new wells for drinking water supply. Grants amounting to Rs. 4,689 were sanctioned by the Collector for removing silt from village tanks, repairing the existing wells and providing urinals, in consultation with the Board. The Board has one village uplift van equipped with radio and talkie projector. Propaganda in sanitation etc. was carried out in the district.

Dharwar.—The Rural Development Board interested itself in health propaganda on general lines in the district. The Board co-operated with the various Government Departments in regard to their activities of rural development.

Ahmedabad.—The Rural Development Board has formed a Public Health Sub-Committee. The Board decided to observe a public health week in Dascroi taluka and spent Rs. 300 for publicity and purchase of brooms for being supplied to the villagers who showed willingness to take part in the observance of the week. A special Committee was appointed. The week was to be observed after the monsoon of 1948. A sum of Rs. 500 was allotted to the Mamlatdar, Dhandhuka for providing medical relief by supply of medicine chests in the Bhal Tract and Nal Kantha. The Board observed that the work of the sanitary squads under the District Health Organisation carried out their duties properly.

Nasik.—The Board carried out intensive propaganda to keep the watering places clean, to keep the cattle sheds away from dwelling houses and to keep waste refuse and cow-dung in pits for use as manure. The Board recommends opening of new dispensaries in backward areas to suppress the epidemics.

Ratnagiri.—The District Rural Development Board carried out general health propaganda. It gave advice to the Collector in regard to selection of villages for construction of new wells. Three wells were constructed and work of 32 wells is in progress.

CHAPTER IX

MATERNITY AND CHILD WELFARE

109. *The Bombay Mothers and Children Welfare Society.*—This Society publishes its Annual Report for the financial year and not for the calendar year, since 1947–48. The information for the calendar year 1948 could not be furnished by the Society. Hence information contained in the Society's report for 1947–48 is made use of for purposes of this Report.

The Society had 36 Maternity and Child Welfare Centres in the Province affiliated to it. The following grants were disbursed by the Society to different Welfare Centres:—

	Rs.
(1) Maternity and Child Welfare Centres affiliated to the Society	32,690
(2) The Poona Health School, Sassoon Hospital Centre ...	2,668
(3) Expenses of the Welfare Units—	
Khed	17,450
Bhilawadi	29,326
Palghar	12,312
Total ...	94,446

Centre.	Taluka.	District.	No. of villages, under the Centre.	No. of patients treated at the Centre.	No. of patients treated at the sub-Centre.	No. of schools visited.	No. of Houses visited.	Cases seen.			Cases treated.	Domiciliary confinements attended.	Labour cases attended in Houses.
								Antenatal.	Post-natal.	Infants.	Toddlers.		
Bahata	.. Kopergaon	.. Ahmednagar	5	13,596	..	8	4,029	691	432	559	791	94	94
Wambori	.. Rahuri	.. "	4	..	..	6	7,910	960	324	205	187	133	76
Pimpalgaonpisa Shrigonda	.. "	.. "	5	..	..	10	17,262	2,386	2,062	2,359	2,588	153	93
Kankavli	.. Kankavli	.. Ratnagiri	5	1,348	251	3	3,453	213	147	246	499	14	57
Khadakvasla	.. Haveli	.. Poona	7	11,451	1,497	120	5,861	888	665	1,253	812	16	70
Nagthana	.. Satara	.. Satara	6	6,063	377	4	3,021	409	234	1,169	848	..	..
Koregaon	.. Koregaon	.. Do.	4	2,789	448	8	3,483	550	545	1,148	2,167	..	18
Natepute	.. Malshiras	.. Sholapur	5	9,036	..	81	1,723	228	188	269	211	20	..
Kaladgi	.. Bagalkot	.. Bijapur	6	3,081	..	30	2,072	145	291	1,156	..	..	100
Huvn-H'ppar- gl.	.. Bagewadi	.. Do.	8	..	..	..	2,284	653	930	198	..	..	150
Murgod	.. Paragad	.. Belgaum	7	486	..	6	4,269	278	86	..	..	..	126
Madbhavi	.. Athani	.. "	6	1,871	..	7	3,360	519	482	..	..	..	42
Saundalga	.. Chikodi.	.. "	7	28,020	..	7	1,916	265	275	1,247	..	12	12

As qualified Health Visitors are not available it is proposed to start two Health Schools one in Gujarat and one in Karnatak during 1949-50.

111. *Measures taken to reduce infant mortality.*—

Surat.—There are 8 maternity and child welfare centres in the town, one of which is maintained by the Municipality. 31 midwives are attached to these institutions.

Broach.—There are 5 maternity homes in the town, out of which one is maintained by the Municipality. One midwife is attached to each maternity home.

Ahmedabad.—The Municipality continued to maintain 2 maternity homes. Besides the Municipality has engaged one Health Visitor and 13 midwives.

The Municipalities of Ankleshwar, Umreth, Nadiad, Dholka, Prantij, Dhandhuka, Viramgaum, Amalner, Bhusawal, Shahada and Dhulia maintained one maternity home each.

The District Local Board, West Khandesh engaged 13 trained dais and that of Surat and Ahmedabad, 4 and 2 midwives respectively to work in the district.

112. *Satara Health Association.*—The Association opened two new centres during the year, making a total of 9 centres in the District. It has in its employ a medical graduate, a superintending nurse, 2 Health Visitors (one travelling Health Visitor), a compounder, 4 trained dais and 2 ward ayahs. The travelling Health Visitor treated 356 ante-natal and 323 post-natal cases besides treating infants and toddlers and advising expectant mothers regarding care of infants, etc. She also carried out public health propaganda. Government paid a grant-in-aid of Rs. 5,000 during the year 1948-49.

113. *Other Associations and Centres.*—The Belgaum Cantonment Infant Welfare Centre was attended by 2,854 infants and 4,386 toddlers. 574 infants and 592 toddlers were visited in their houses.

The Hubli Maternity and Child Welfare Association has conducted two infant welfare centres in Hubli town. One Health Visitor, one midwife and 2 ayahs have been employed. 5,374 infants and 8,654 toddlers attended the centres for clinics, bath, milk, etc. There are 6 midwives at the Chitguppi Hospital of Hubli Municipality. They attended 269 confinements and tendered advice to the expectant mothers.

Sholapur.—There were 162 maternity beds in all the institutions in the town where 5,002 confinements were attended by the midwives. There are 5 welfare centres in the town. The welfare work is being done by the Municipality and the Bombay Mothers and Children Welfare Society jointly. The Municipality maintained one maternity home and one child welfare centre, while the Society maintained

one maternity home and 2 child welfare centres. The American Marathi Mission conducted 2 welfare centres.

Bijapur.—The Maternity and Child Welfare centre, Bijapur, treated 492, infants 577 toddlers clinically, distributed milk to 69 infants and 7,780 toddlers and gave bath to 1,797 infants and 151 toddlers.

CHAPTER X

SCHOOL HYGIENE AND MEDICAL INSPECTION OF SCHOOL CHILDREN.

114. Schools were visited from time to time during the course of their visits for vaccination work by the vaccinators or for inspection thereof by the Inspectors of Sanitation and Vaccination and Sanitary Inspectors. Besides, the Inspectors of Sanitation and Vaccination took the opportunity of giving instructions to the school children on personal cleanliness, school hygiene, cholera, plague and vaccination and the protection afforded by the last against smallpox.

Instructions in health and hygiene are imparted in Primary Schools. In standard VII of Boys' schools, Physiology and Hygiene are the subjects of the course prescribed for that standard and at the final examination questions on hygiene are set. In Girls' schools, Hygiene is taught as one of the regular subjects of instruction. In the course of studies in primary training institutions for men, the subjects of "Hygiene" and "Physiology" have been prescribed for the second year class, while in the training institutions for women, these subjects have been prescribed for the first year and "Domestic Science" for the second year class. Equipped with the knowledge of the subjects the teachers are in a better position to pay attention to children's cleanliness, correct sitting posture, proper holding of books, etc. Care is also generally taken by the school authorities to see that the school houses are, as far as possible, well lighted and ventilated.

Propaganda work in school hygiene is done by way of lectures, demonstrations and magic lantern slides. The Visual Instruction Branch of the Educational Department also demonstrates occasionally in rural areas by magic lantern slides the principles of cleanliness and sanitation. Of the various topics dealt with in these illustrated lectures, the subject of health and hygiene forms an important part. Government inspecting officers also deliver lectures with the aid of magic lantern on health and hygiene for the benefit of school children and the general public.

Schemes for medical inspection of school children prepared in accordance with Government orders on the subject were in force in the District Local Board areas of *Panch Mahals*, Bijapur, Surat, Broach, Kolaba, West Khandesh (Dhulia), Ahmedabad and Bombay Suburban District and in the Municipalities of Bombay, Ahmedabad,

Jalgaon, Dhulia, Amalner, Hubli, Gadag, Surat, Bandra, Satara and Sholapur and in the Ahmednagar Cantonment area during the year 1948. The statistics of Medical Inspection of children are as per subjoined statement.

Government has appointed a Special Medical Officer (in the Educational Department) to work out a scheme for medical inspection of school children in the Province.

Name of Town.		No. of children examined.	Number of children suffering from the disease of														
			Teeth.	General debility.	Throat.	Enlarged lymphatic glands.	Eyes.	Skin.	Vision.	Ear.	Lungs.	Spleen.	Heart.	Liver.	Nose.	Deformities.	Miscellaneous.
Satara Municipality.		3520	376	..	1189	10	19	32	..	2	1	2	31	1	2	..	186
District Board Mahals.	Local Panch	7505	215	..	304	34	91	280	..	28	6	1293	11	27	3	..	178
District Board, Kolaba.	Local	177	..	46	..	..	..	..	..	..	..	93	..	..	..	..	120

CHAPTER XI

HEALTH PROPAGANDA

115. *Propaganda by means of films and magic lanterns.*—The propaganda Van which was supplied to the Bombay Mothers and Children Welfare Society by Government was taken over by this Department in August 1948, along with its 35 m.m. talkie equipment, a few films, models, exhibits, etc. This Department has also purchased a 16 m.m. talkie projector and some talkie films. The van is sent to one district, every month, for about 15–20 days for arranging cinema shows in the rural areas. During the period August to December 1948, the van carried out its programmes in 19 educational institutions and 45 villages and towns in Poona, Satara, Dharwar and East Khandesh Districts.

The shows were largely attended. New films are being purchased from time to time. Films are also obtained from different sources in the country.

The Public Health staff under the District Health Officers has been supplied with magic lanterns and slides. Demonstrations were given by this staff in rural areas.

116. *Propaganda Section of the Bombay Mothers and Children Welfare Society.*—This Section of the Society carried on its usual activities on Health Propaganda and mass education in the elementary principles and practice of health and hygiene, nutrition and maternity and child welfare. It organised health exhibitions, cinema shows, and lectures at various places in the Province. The propaganda van fitted with 35 m.m. talkie projector carried out health programmes in rural areas of Kolaba, Ratnagiri and Kanara Districts. This van was taken over from the Society by Government in August 1948, and all propaganda

work is now being carried out by this Department, except in Gujarat, where the society has maintained a cinema operator with talkie projectors and films. Government paid a grant-in-aid of Rs. 1,666 to the Society for its propaganda work up to end of July 1948, and an additional grant of Rs. 1,000 was paid to it for the work done in Gujarat.

117. *Sanitary Associations.*—The work done by different Sanitary Associations is shown below :—

Bombay Sanitary Association.—The Health Visitor of the Association inspected 398 chawls for finding out conservancy defects and carrying out propaganda work by group talks. The Health Visitor along with the Propaganda Officer of the Municipal Health Department gave short talks on plague in Sewari and Dharavi areas in October and November 1948. 91 magic lantern lectures were delivered in Bombay City. Government pays an annual grant up to Rs. 300 to this Association.

Broach Sanitary Association.—The Association arranged for 34 magic lantern lectures on different health subjects in Broach Town as well as in surrounding villages both to the public and students. 52 cinema shows were also arranged. Three health exhibitions were held in the District at Ankleshwar, Talod and Shuklatirth. With the co-operation of the Broach District Branch of the Indian Red Cross Society, the village medical aid work was continued in 143 villages and 34,509 patients took advantage. The centres of the Association continued to give free use of nursing materials to the public. Government pays an annual grant of Rs. 500 to the Association.

Ahmedabad Sanitary Association.—The Association organised the following activities during the year :—

(1) A Baby and Health Week at Surat.

(2) Cinema and magic lantern shows arranged at Surat, Dharanpur, for students of the Ahmedabad Sanitary Inspectors' Class, for probationer nurses at the Kasturba Smarak Sangh, and in 16 different wards in Ahmedabad City.

(3) A Health Exhibition was organised for 4 days at Bavaji's Pol in Ahmedabad.

(4) A special Sanitary Inspector was appointed to bring to the notice of the municipality complaints regarding nuisance in the city. 416 such complaints were reported.

Government pays an annual grant of Rs. 1,000 to this Association.

Arogya Mandal, Poona.—The Health Visitor of the Child Welfare Centre maintained by the Mandal, carried out home visits and gave advice to expectant mothers as regards maintenance of their health. The Mandal gives 4 ozs. of milk daily to about 20 poor and deserving children free of charge. Infants are also given tomato and fresh fruit juice when required. A record of the health of children is kept.

The Mandal maintains a Health Museum. Several exhibits are on view. The Mandal provides sick appliances to the poor. The Mandal co-operated with the Indian Red Cross Society, Poona District Branch in organizing a Health Exhibition. It arranged for the medical examination of 1,139 students of the Shri Shivaji Maratha High School, Poona at the request of the School Superintendent. Government pays an annual grant of Rs. 200 to the Mandal.

118. *Health Exhibitions.*—Three Health Exhibitions were arranged in Ahmednagar District, and about 70,000 persons attended them. Two Exhibitions were held in Thana District. Models on health subjects were exhibited, and lectures delivered with the aid of magic lanterns. In Belgaum District two exhibitions were held.

119. *Anti-Opium Propaganda—Ahmednagar District.*—One Health Visitor and a midwife carried out the anti-opium propaganda in the district up to end of February 1948 when the posts were discontinued by the Excise Department in consultation with this Department. The Health Visitor visited 31 villages and the midwife 35 villages for propaganda against administration of opium to babies. They also conducted cases of delivery and gave advice to post-natal and ante-natal cases. They gave instructions to untrained dais for treatment of delivery cases.

CHAPTER XII

RELATION OF FOOD TO HEALTH AND DISEASES

120. *Prices of food grains.*—The prices of food grains during 1948 in Gujarat, Deccan, Karnatak and Konkan were higher than those during the previous year by 60 per cent., 46 per cent., 46 per cent., and 100 per cent. respectively. The prices in Bombay City however, went down by 23 per cent.

121. *Scarcity.*—The state of scarcity was present in Bijapur District during the year 1948. The condition was in existence in 30 villages in Bijapur Taluka, 44 villages in Bagalkot Taluka, 24 villages in Bilga Peta and 11 villages of Gundal Taluka of Aundh state merged with Bijapur district. Five scarcity centres were opened.

The following public health measures were undertaken by the nucleus District Health staff:—

(a) *Immunization.*—2,030 prophylactic inoculations against cholera were carried out and 211 primary and 1,322 revaccinations were performed in the scarcity camps.

(b) *Disinfection of water supplies.*—Periodical disinfection of water supplies was carried out in the scarcity camps and villages. The total number of wells disinfected is 945.

(c) *Medical Aid*.—The B. M. S. Class III Officers and S. M. Ps. of the neighbouring places paid weekly visits to the scarcity camps and rendered medical aid.

(d) *Supplementary food*.—Vitamin tablets were freely given to reduce the effects of mal-nutrition and supplement the diet of the people. 2399 Vitamin A and D and 3017 multivitamin tablets were distributed in scarcity centres.

122. *Adulteration of Food Stuffs*.—The Bombay Prevention of Adulteration Act, 1925, was in force in the towns of Bombay, Ahmedabad, Surat, Broach, Dhulia, Sholapur, Ahmednagar, Amalner, Kurla, Hubli, Kapadwanj, Thana, Nadiad, Ghatkopar-Kirol, Pandharpur, Nasik, Belgaum, Ankleshwar, Parle-Andheri, Godhra, Trimbak, Poona City, Bulsar, Barsi, Bhusawal, Dharwar, Malegaon, Igatpuri, Chopda, Satara City, Umreth, Chalisgaon, Poona Suburban, Mahableshtar, Viramgaum and Gadag-Betgeri.

Its provisions are being extended to other towns.

The following table shows the number of samples examined by the Public Analyst concerned, number found genuine and the number adulterated :—

Town.	Samples examined			Samples found adulterated.			Total Percentage.	
	Milk.	Ghee.	Other food stuffs.	Milk.	Ghee.	Other food stuffs.	1948.	1947.
Bombay ..	20,783	(all)	..	39,40	(all)	..	18	15
Ahmedabad ..	2,568	(all)	..	733	(all)	..	28	52
Broach ..	240	12	22	138	4	..	52	61
Dhulia ..	..	25	13	..	15	9	63	49
Sholapur ..	360	47	116	264	9	20	56	54
Ahmednagar ..	117	17	16	98	5	4	71	81
Amalner ..	22	26	9	20	12	2	60	62
Kurla ..	119	1	28	82	..	17	68	58
Hubli ..	22	..	10	20	..	1	66	92
Kapadwanj ..	32	2	2	21	..	..	58	70
Thana ..	8	10	46	7	..	16	36	38
Nadiad ..	291	28	7	139	8	1	45	44
Ghatkopar-Kirol ..	36	..	..	30	..	..	83	89
Pandharpur ..	230	27	46	177	10	12	66	80
Nasik ..	40	15	47	31	2	3	35	40
Belgaum ..	114	14	58	106	7	37	81	81
Ankleshwar ..	6	..	..	3	..	..	50	83
Parle-Andheri ..	52	14	28	4	..	15	20	27
Godhra ..	127	2	4	105	..	1	80	63
Trimbak ..	26	..	1	12	..	..	44	56
Poona City ..	862	70	358	765	33	120	71	69
Bulsar ..	145	6	..	79	5	..	56	59
Barsi ..	69	..	2	49	..	2	72	76
Bhusawal ..	61	43	16	50	15	1	55	74
Dharwar ..	66	8	36	55	4	7	60	58
Satara City ..	58	3	8	53	1	5	89	83
Umreth ..	66	12	..	44	4	..	51	70
Malegaon ..	35	33	4	17	22	..	54	62
Igatpuri ..	8	1	27	6	..	10	44	42
Chalisgaon ..	39	3	17	37	2	8	80	..
Viramgaum ..	66	6	9	43	3	1	58	..

The Municipalities of Jambusar, Chopda, Poona Suburban, Mahableshtar, Viramgaum and Gadag-Betgeri did not send any samples during the year.

CHAPTER XIII

HOUSING URBAN AND RURAL

123. *Government Industrial Housing Schemes in Bombay City.*— It consists of 207 chawls of re-inforced concrete construction, each containing 80 rooms. These chawls are situated at four different centres as follows :—

Name of centre.				Number of chawls.
Delisle Road	...	...	...	32
Naigaum	...	...	...	42
Worli	...	...	...	121
Sewri	...	...	...	12
Total				207

The total number of rooms and shops available for accommodation in these chawls is 16,236 and 308 respectively. 10,820 rooms are occupied by the Industrial Labour and the remaining rooms are occupied by inferior Government Servants and other service departments under the Government of Bombay. During the year 1948, all the rooms and shops were occupied. The total number of persons occupying a single room can be taken as 8 adults on an average. The sanitation of the chawls was satisfactory and there was no epidemic of any kind prevalent in any of the four chawl centres. Charitable institutions such as the Bombay Presidency Infant Welfare Society and the Bombay Mothers and Children Welfare Society provided medical aid to the tenants in D. D. Chawls through the maternity homes and creches. The Day Nursery initiated by the Bombay Women's Voluntary Services at Delisle Road in June 1947, is now being conducted by social workers of long standing. The Naigaum Social Service Society is carrying on social and athletic activities for the benefits of the children of the people residing in D. D. Chawls. Primary free education is provided in the municipal schools located in the chawls at all the Centres. The Bombay Municipality is also conducting a free dispensary at Worli for the benefited of the chawl tenants. The Bombay Education League's High School continued to provide education facilities at its High School in D. D. Chawl No. 49 at Worli. The Blind Relief Association in chawl No. 52 at Worli is conducting an Industrial Home for the blind. The recreation centres conducted by the Labour Welfare Department provide facilities such as gymnasiums, indoor and outdoor games, reading rooms and library, scouting, visual instructions through magic lantern shows, health advice, etc. The tenants in the chawls take keen interest in all the above activities of the Centres.

The Boy Scouts Association and the Hindustan Scout Association are also doing useful work in their own way in the matter of training boys to grow into useful citizens.

124. *Housing in Urban and Rural Areas.*—As a result of partitioning of the country, the Housing problem was made more difficult during the year, by the influx of refugees from the Dominion of Pakistan, and with a view to helping the Government in combating this unsurmountable difficulty, the housing activities in this Province have expanded manifold in the shape of private enterprises, setting up of Co-operative Housing Societies, etc. People have also begun to realise the advantages of better living conditions and have undertaken development of their estates more or less on modern scientific principles.

As a result of abnormal increase in the population in Bombay City, the question of housing became so acute that Government had to open a separate department which has been entrusted with the preparation of layouts of about 400 acres of open land in the suburban area into building plots, and building activities are in progress.

During the period under review, 72 Development Schemes of laying out open lands for residential and other purposes were prepared by the Town Planning Department, out of which 34 were in the Northern Division, and the rest in Central and Southern Divisions. 557 building permission cases were referred to the Town Planning Department which were scrutinized and advice given to the Collectors and Local Authorities concerned.

125. *Housing Societies.*—The acute shortage of housing accommodation stimulated the demand for Housing Societies with the result that 148 societies were registered, bringing their total number to 315. 95 societies were organized in cities.

Apart from catering to the needs of the middle classes, the question of giving suitable financial aid and other assistance to backward class people also received the attention of Government. A scheme for construction of buildings for the backward classes through the agency of building societies was formulated in consultation with the Backward Class Officer. Under this scheme, Government land for the site would be given free, if available, otherwise private land would be acquired and the cost of acquisition including the price of the land would be borne by Government. A special scheme of housing for Halpaties, a backward community residing in Surat District was sanctioned by Government, and as an experimental measure, 10 co-operative Housing Societies were organised for the Halpaties.

A scheme of reconstruction of 22 villages and Rahuri Town in Ahmednagar District through co-operative efforts was formulated.

The working of the housing societies was on the whole satisfactory.

The management of the Calico Mills, Ahmedabad, propose to build 800 tenements with modern sanitary arrangements for their workers. The Ahmedabad Electric Supply Company has provided housing accommodation for its employees at Sabarmati. Three Sugar Factories spent about Rs. 1,20,000 on housing for their workers. The Government Saw Mill at Dandeli has built two new chawls of 10 tenements and the India Plywood Company, Dandeli, has built 12 tenements.

126. *Mines*.—There is only one important Manganese Mine in Halol Taluka of Panch Mahals District conducted by the Managing Agent of Messrs. Killik Nixon and Company, Bombay. Information as regards the health condition of labourers employed in the mines as well as that of the Freeland Gunj Railway Workshops at Dohad and the Railway Workshop at Bhusawal is as under :—

Place	Number of employees	Total number of cases treated	Important sub-heads of cases due to		
			Phthisis	Influenza	Accidents
Shivrajpur Mines ..	806	5,482	3	..	28
Freeland Gunj, Dohad ..	17,736	38,038	57	1,226	3,802
Bhusawal ..	137	13	..	..	13

CHAPTER XIV

PUBLIC HEALTH SERVICES AND ADMINISTRATION

127. *Public Health Laboratories*.—Mr. D. K. Viswanathan, Assistant Director of Public Health, Malaria, held additional charge of the Public Health Laboratory, Poona, to end of February 1948. Mr. J. L. Rebello, D. P. H., Assistant Director of Public Health (Epidemics) held additional charge of the Laboratory from March to December 1948. The following table shows the number of samples examined bacteriologically in the Laboratory :—

Cantonment water works	Poona City Water works	Holkar's Bridge water works	Swimming Baths, Poona	Other Sources	Total
2,215	596	1,142	39	4,109	8,101

The chemical examinations done were as follows :—

Water from Poona Cantonment Water Works	Water from other sources	Sewage effluent	Food, Drugs, Chemicals, etc.	For dose of steriliser and free chlorine	Other Miscellaneous	Total
1,193	726	329	5,536	9,760	8	17,552

The results of the samples of water examined bacteriologically are shown below :—

Source.	Percentage of samples showing absence of lactose fermenters in 100 c.c.
Poona Cantonment Water Works	98.96
Holkar's Bridge Water Works	98.96
Poona City Water Works	87.24

561 samples of articles of food such as milk, ghee, butter, oils, atta, tea, etc. were received for analysis at the Laboratory from the G. I. P. Railway, Government Institutions, and private institutions and individuals. 38 samples of goat's milk received from the District Health Officers were analysed for finding out the average standard for goat milk.

During the year under report, the Assistant Director of Public Health visited the Water Works at Pashan, Alandi, Satara, Dhulia, Mahableshwar, Sirur and Thana and Urali Refugee Camps.

Demonstrations were given in the Laboratory to the students of the S. M. P. Class, Sirur, Sanitary Inspectors' Class, Poona, and B. J. Medical School, Poona.

128. *The Municipal Laboratory at Ahmedabad.*—The Officer In-charge of the Laboratory, Mr. M. V. Sane, B. HY., examined 145 samples of water and 5,557 of food chemically, and 371 samples of water bacteriologically. 192 pathological samples received from municipal dispensaries and Labour Hospitals, and private medical practitioners were examined in addition.

129. *The Municipal Laboratory at Surat.*—20 samples of water and 449 of food were examined chemically, and 94 samples of water bacteriologically. Samples of food stuff received from private parties were also examined.

130. *Public Health Administration.*—The Public Health Department consists of the following staff :—

One Director of Public Health, 3 Regional Assistant Directors of Public Health, one Assistant Director of Public Health (Malaria), one Assistant Director of Public Health in Charge Vaccine Institute Belgaum, one Assistant Director of Public Health in Charge Public Health Laboratory, Poona and two temporary Assistant Directors of Public Health—one in charge of epidemics and one additional, 19 District Health Officers (6 posts are vacant for want of persons qualified in Public Health), one Entomologist and 13 Medical

Officers of the Gazetted rank in the Malaria Organisation, and one Medical Officer in-charge Health Unit, Sirur and three Medical Officers in-charge Mobile Hospital Units (all the 3 posts are vacant for the present.) The other Subordinate Public Health staff consists of one Lady Doctor, 49 Epidemic Medical Officers, 18 Asstt. Medical Officers, 9 Laboratory Assistants, 19 Inspectors of Sanitation and Vaccination, 81 Sanitary Inspectors, 91 Sanitary Sub-Inspectors, 391 Vaccinators, 62 Insect Collectors, 368 Mukadams, 1,104 Sanitary Orderlies.

131. *Selected Districts.*—The system introduced in the year 1910 by which the control of vaccination in four districts viz., Sholapur, Surar, Bijapur and West Khandesh is exercised by the local bodies of these districts was continued throughout the year. The control of vaccination in the area of Satara and Dharwar District Local Boards also rested with these bodies.

Appendices II and III of this report show particulars of Health services in rural and urban areas and particulars of Maternity and Child Welfare Centres, Health Visitors and Midwives in urban and rural areas.

Appendix IV shows the annual income and expenditure of institutions working in co-operation with the Public Health Department in the Province during the year 1948-49.

132. *Training of Sanitary Inspectors.*—There were 149 candidates on the class roll in Bombay. Four candidates nominated by the Bhopal Government did not join the class. Five private candidates did not join the course after the classes had commenced, and the fees paid by them were refunded. 134 regulars and 59 repeaters making a total of 193 candidates enlisted their names for the examination. Out of this number, one regular and four repeaters absented themselves. Of the 188 candidates who appeared for the examination, 119 were declared successful.

176 candidates were admitted to the Sanitary Inspectors' Classes at Poona and Ahmedabad, including three Government nominees. 1 candidate left the classes. 199 regulars and 50 repeaters making a total of 169 candidates appeared for the examination, out of whom 86 including repeaters were successful.

133. *Personal Proceedings.*—The post of the Assistant Director of Public Health, Northern Registration District, was held by Mr. N. T. Advani, D.P.H., from 1st January to 22nd May 1948, and by Mr. M. J. Sabnis, M.B.B.S., B.Hy., from the 24th May to 31st December 1948. Mr. S. Ganguly, D.P.H., District Health Officer, Ahmedabad held the charge on 23rd May 1948.

The post of the Assistant Director of Public Health, C.R.D., Poona was held by Major E. Benjamin, D.P.H., from 1st January to 2nd April 1948. Mr. D. K. Viswanathan, M.P.H., Asstt. Director of Public Health, Malaria, held additional charge of the post from 3rd to

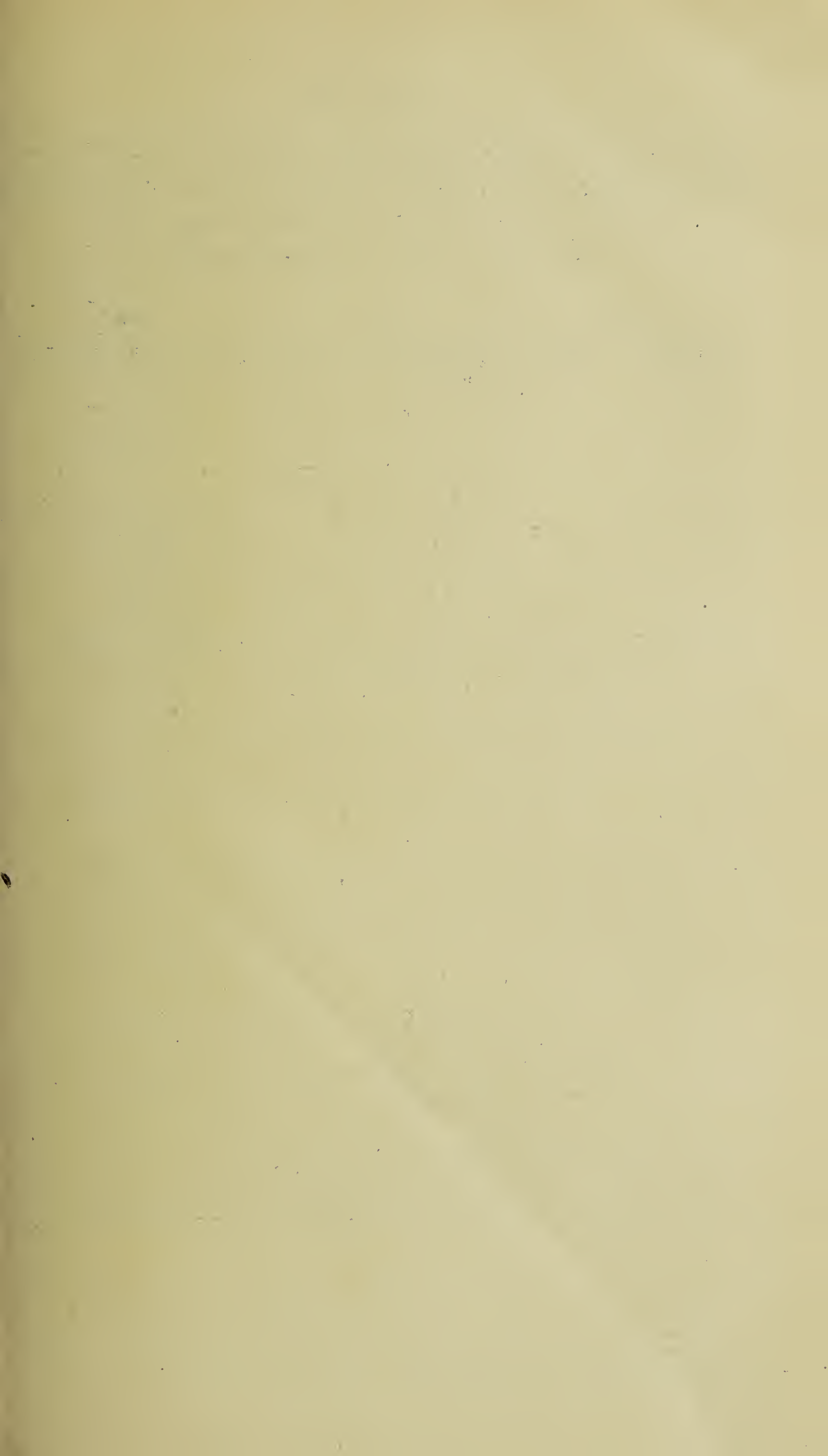
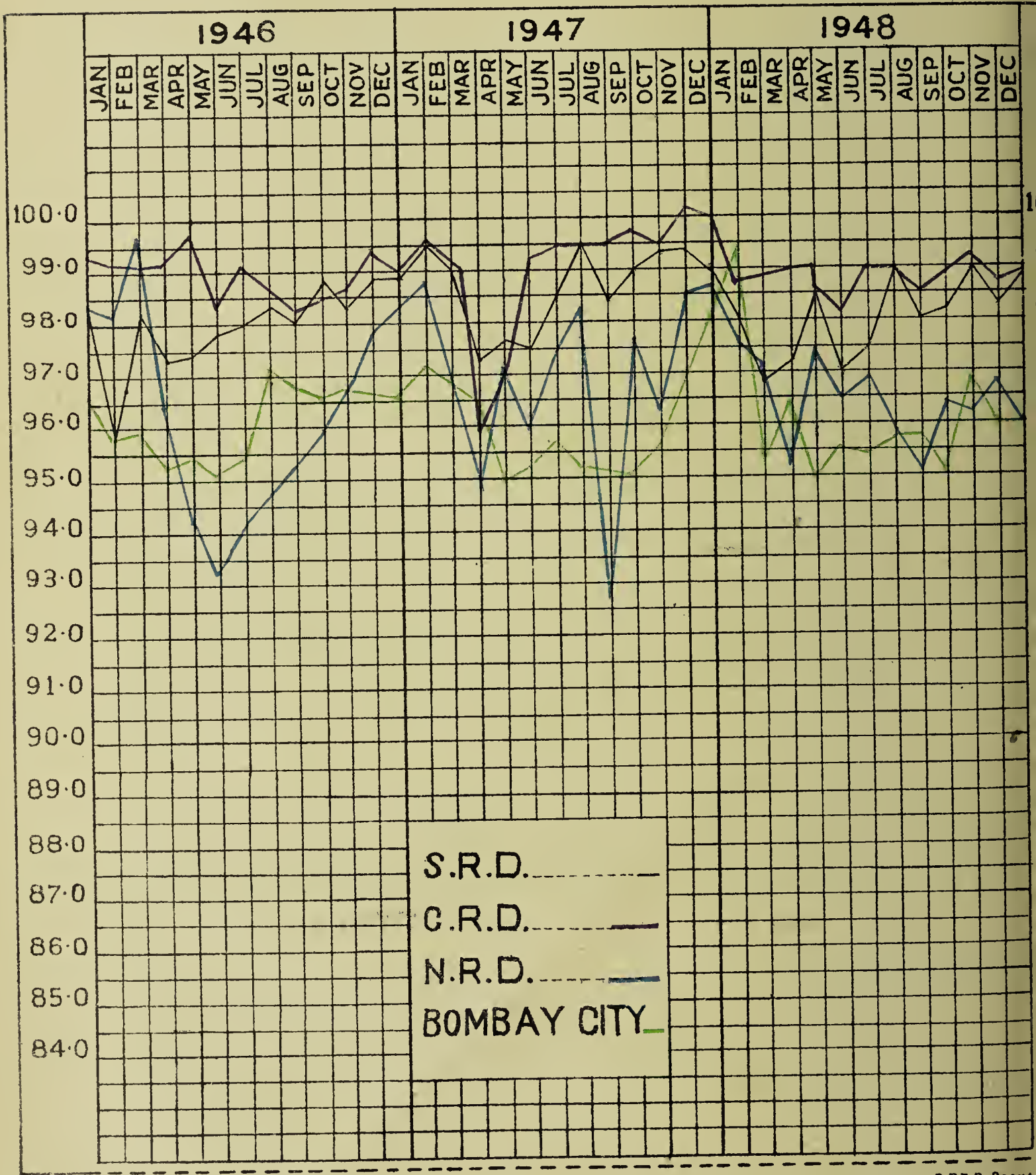


CHART VII

INSERTION SUCCESS RATES OF PRIMARY VACCINATIONS
WITH GLICERINATED LYMPH IN THE SEVERAL REGISTRATION
DISTRICTS OF THE PROVINCE & BOMBAY CITY
FOR THE YEARS 1946,1947 &1948.



30th April, and thereafter Mr. J. L. Rebello, D.P.H., Assistant Director of Public Health (Epidemics) held the additional charge from 1st to 23rd May 1948. Mr. N. T. Advani, D.P.H., took over charge of the Assistant Director of Public Health's office from 24th May 1948.

Mr. T. B. Patel, D.P.H., was in charge of the office of the Assistant Director of Public Health, S. R. D., Belgaum, throughout the year.

The post of the Director of Public Health for the Government of Bombay was held by Mr. K. A. Gandhi, D.P.H., from 1st January 1948 to 2nd April 1948. Major E. Benjamin, D.P.H., took over charge of the post on 3rd April 1948.

CHAPTER XV

VACCINATION

134. *Primary Vaccination*.—Primary Vaccination (Appendix VI, Statement No. I).

During the year 1948, 702,899 persons were primarily vaccinated, against 667,701 in the previous year. There is an increase of 35,198 primary vaccinations as compared with that of the previous year.

Results.—Out of 702,899 primary vaccinations performed 585,370 or 83·28 per cent were successful and 7,580 or 1·08 per cent unsuccessful. In the remaining 15·64 per cent, the results could not be ascertained. The percentage of successful excluding unknown was 98·78.

Age and Sex.—Of the total 702,899 primary vaccinations, 364,065 were among males and 338,834 among females giving the proportion of 107·44 to 100. Among those primarily vaccinated 432,780 or 61·57 were infants under one year, 139,751 or 19·88, between the ages of 1 and 5 years, 10,050 or 1·43 between the age of 5 and 10 years and 120,318 or 17·12 above 10 years.

135. *Revaccination*.—(Appendix VI—Statement No. 1) 1,527,990 persons were revaccinated against 9,60,844 in the previous year. The percentage of successful cases in which the results were known was 40·44. The results could not be ascertained in the remaining 59·56 per cent of cases.

136. *Vaccine Institute, Belgaum*.—During the year 32,27,460 doses of lymph were manufactured and 39,13,160 doses were issued. Results of primary vaccination were personally scrutinized by the Assistant Director of Public Health in-charge Vaccine Institute, Belgaum. The chart showing the results of monthly primary vaccination for the three Registration Districts and Bombay City is attached. During the year purity and potency of all lymphs were tested as usual. In view of the fact that the present cold room has outlived its life, Government has sanctioned construction of a cold room and installation of a cold storage

plant. 908 cow calves were vaccinated. The rate of hire for the period from 1st January 1948 to 24th July 1948 was Rs. 23 per cow calf and Rs. 28 per buffalo calf and for the period from 25th July 1948 to 31st December 1948 Rs. 24-8-0 per cow calf and Rs. 30 per buffalo calf.

137. *Compulsory Vaccination*.—Excluding Bombay City and six Cantonments of Ahmedabad, Ahmednagar, Poona, Kirkee, Belgaum and Deolali, the Vaccination Act has been applied to 106 towns and 32 villages in the Province.

138. *General remarks*.—A training class for candidate vaccinators was held as usual at the Vaccine Institute, Belgaum. There were 27 candidates, all of whom passed the final test. 70 Sanitary Inspectors were given intensive training during the year.

Poona, 10th May 1949.

E. BENJAMIN, D.P.H.,
Director of Public Health for the
Government of Bombay, Poona.

APPENDIX I.

The following table shows year of completion of drainage or water works and a comparison of mean death rate in the towns concerned for periods preceding and subsequent to installation :—

In column 7 is given for comparison the death rate of the adjoining rural circle for the year under report :—

District.	Towns.	Date of completion of work.		Mean death-rate (a).		Death-rate in adjoining rural circle (a).	Mean death-rate from cholera, plus dysentery and diarrhoea.		Remarks.
		Drainage.	Water Supply.	For years preceding the installation.	For the years (succeeding installation) ending 1947.		For the years preceding works.	For the years following the works ending 1947.	
1	2	3	4	5	6	7	8	9	10
Ahmedabad.	Ahmedabad.	1893	1891	45.75	26.22	22.92	.93	.50	
Surat	Surat	...	1898	37.57	31.75	15.27	.85	1.89	
Ahmednagar.	Ahmednagar	...	1915	27.40	22.71	12.13	3.45	2.71	
East Khan-desh.	Jalgaon	...	1934	22.34	19.32	83.17	1.83	1.10	
West Khan-desh.	Dhulia	...	1915	24.93	20.01	33.92	.66	1.23	
	Nandurbar...	...	1931	27.58	26.23	31.08	1.90	2.06	
Nasik	Nasik	...	1913	52.73	36.93	17.57	12.33	2.55	
	Trimbak	...	1921	43.88	27.37	17.57	2.35	1.40	
Poona	Poona City.*	1915	...	36.47	33.89	7.78	10.18	2.37	*Chlorination of water began in 1916. †Change in type of installation.
	Poona Cantonment.†	...	1916	23.49	12.74	7.78	2.07	1.03	
	Lonavla	...	1915	30.68	20.80	15.56	2.49	1.76	
	Alandi	...	1928	42.72	28.77	16.43	6.38	2.26	
Satara	Satara	...	1935	25.23	25.56	24.18	1.56	1.83	
	Karad	...	1916	18.58	14.33	18.59	7.10	1.05	
Sholapur	Sholapur	...	1917	61.01	35.36	27.66	14.05	3.05	
	Barsi	...	1917	44.14	40.55	28.87	5.83	2.34	
	Pandharpur	...	1911	49.88	41.28	20.56	19.60	5.04	
Warwar	Hubli	...	1894	26.67	15.79	16.93	5.73	1.45	
Ratnagiri	Ratnagiri	...	1913	23.97	19.15	19.29	2.07	1.23	
Mumbai Sub-urban.	Bandra	...	1896	22.71	17.28	19.92	2.29	1.58	
Bijapur	Bijapur	...	1913	30.08	17.27	26.95	1.77	1.06	

(a) Exclusive of plague and influenza.

Table showing Health Services in rural and

Serial No.	District.	Rural areas.									
		Medical Officers of Health.								Epidemic staff.	
		Medical Graduates.				Medical Licentiates.					
		With public health qualifications.		Without public health qualifications.		With public health qualifications.		Without public health qualifications.		Epidemic Medical Officers.	Other staff.
		Whole time.	Part-time.	Whole time.	Part-time.	Whole time.	Part-time.	Whole time.	Part-time.		
1	2	3	4	5	6	7	8	9	10	11	
1	Bombay City	...	...	...	..	...	...	...	...	...	...
2	East Khandesh	...	1	...	...	...	...	...	...	2	1
3	West Khandesh	...	1	..	...	...	...	...	...	2	1
4	Surat	...	1	...	...	...	...	...	...	...	...
5	Broach	...	...	...	...	...	...	...	...	1	...
6	Panch Mahals	...	...	...	...	...	...	...	...	...	...
7	Kaira	...	...	...	...	...	...	...	...	1	...
8	Ahmedabad	...	1	...	...	...	...	...	...	2	1
9	Ahmednagar	...	1	...	...	...	...	...	...	1	...
10	Poona	...	...	...	...	...	...	...	..	3	...
11	Nasik	...	1	...	...	...	...	..	...	2	...
12	Thana	...	1	...	...	...	...	...	...	2	...
13	Bombay Suburban	...	...	...	...	...	...	...	...	...	...
14	Kolaba	...	...	...	...	...	...	...	...	1	...
15	Ratnagiri	...	1	...	...	...	...	...	...	2	...
16	Belgaum	...	1	...	...	...	...	...	...	1	...
17	Dharwar	...	1	...	...	...	...	...	...	2	...
18	Bijapur	...	1	...	...	...	...	...	...	1	...
19	Kanara	...	...	...	...	...	...	1	...	1	...
20	Sholapur	...	1	...	...	...	...	...	...	2	...
21	Satara	...	1	..	...	...	...	...	..	...	...
Total		...	14	...	...	...	...	1	...	26	3

WT = Whole time.
PT = Part time.

in the Bombay Province during the year 1948.

Urban areas.														Remarks.
Vaccinators.		Medical School Officers.	Other Health staff.	Medical Officers of Health.				Sanitary and Health Inspectors.	Vaccinators.		Inspectors of Vaccination.	Medical School Officers.	Other Health staff.	
Male.	Female.			Medical Graduates with public health qualifications.		Medical Licentiates holding public health qualifications.			Male.	Female.				
				Whole time.	Part-time.	Whole time.	Part-time.							
14	15	16	17	18	19	20	21	22	23	24	25	26	27	
...	...	...	80	22	34	...	29	18	1	1	...	38		
...	...	...	...	...	1	...	7	3	...	...	...	...		
...	...	...	1	...	...	...	4	4	...	...	...	...		
...	...	8	1	...	...	...	12	3	...	...	...	...		
...	...	...	...	...	...	...	5	1	...	...	...	...		
...	...	...	...	...	...	...	3	...	...	...	...	...		
...	...	...	...	...	...	...	7	1	...	...	...	...		
...	...	...	3	...	...	...	20	8	...	...	4	...		
...	...	7	1	...	...	...	4	1	...	...	...	...		
...	...	7	1	...	...	...	19	7	...	...	...	...		
...	...	7	1	...	1	...	8	3	...	...	...	...		
...	...	5	...	...	...	...	6	2	...	...	...	...		
...	...	...	2	...	1	...	9	2	...	...	...	...		
...	...	4	...	...	...	...	...	...	...	...	...	...		
...	...	1	...	...	...	...	1	...	...	...	...	...		
...	...	9	...	...	...	...	8	...	...	...	...	1		
...	...	...	...	...	1	...	14	4	...	...	...	2		
...	...	2	1	...	...	...	6	2	...	...	...	...		
...	...	...	...	...	...	...	2	...	...	...	...	...		
...	...	5	2	...	1	...	14	7	...	...	...	2		
...	...	2	1	...	...	...	6	1	...	...	...	...		
...	...	57	94	22	39	...	184	77	1	1	4	93		

APPENDIX

*Table showing maternity and child welfare centres, Health
Bombay Province*

Districts.				Maternity and centres main			
				Government.		Local and municipal bodies.	
				Rural. 2	Urban. 3	Rural. 4	Urban. 5
1							
1	Bombay City	...	...	.....	.....	.....	12
2	East Khandesh	...	...	.....	.....	.....	3
3	West Khandesh	...	...	.....	.....	.....	2
4	Surat	...	...	.....	.....	4	1
5	Broach	...	...	.....	.....	.....	1
6	Panch Mahals	...	...	.....	.....	.....	1
7	Kaira	...	...	.....	.....	.....	2
8	Ahmedabad	...	...	.....	1	.....	8
9	Ahmednagar	...	...	3	.....	.....	.....
10	Poona	...	...	1	1	.....	2
11	Nasik	...	...	1	2	.....	1
12	Thana	...	...	.....	1	.....	2
13	Bombay Suburban	...	...	.....	.....	.....	1
14	Kolaba	...	...	.....	.....	.....	.....
15	Ratnagiri	...	...	1	.....	.....	.....
16	Belgaum	...	...	3	.....	.....	1
17	Dharwar	...	...	.....	.....	.....	2
18	Bijapur	...	...	2	.....	.....	1
19	Kanara	...	...	.....	.....	.....	2
20	Sholapur	...	...	2	.....	2	1
21	Satara	...	...	2	.....	2	3
Total ...				15	5	8	46

III.

Visitors and trained Midwives in rural and urban areas in the during the year 1948.

child welfare tained by		Trained health visitors.		Trained midwives.		Trained dais.	
Other agencies.							
Rural. 6	Urban. 7	Rural. 8	Urban. 9	Rural. 10	Urban. 11	Rural. 12	Urban. 13
.....	.....	.....	12	.....	22	.....	.....
.....	3	.....	.....	.....	4	.....	1
.....	1	.....	.....	.....	3	1	.....
.....	8	.....	.....	4	31	.....	.....
1	5	.....	1	1	5	.....	1
.....	.....	.....	.....	.....	1	.....	.....
.....	9	.....	.....	.....	24	.....	3
.....	14	.....	1	2	79	.....	.....
.....	9	2	.....	3	9	3	7
.....	36	2	.....	1	2	2	1
1	8	1	1	2	16	1	.....
.....	3	.....	.....	.....	4	.....	10
1	3	.....	2	.....	9	.....	1
.....							
.....	.....	1	.....	1	.....	1	.....
.....	.....	3	1	.....	3	4	.....
.....	.....	.....	1	.....	23	.....	.....
.....	.....	.....	.....	.....	3	2	.....
.....	.....	.....	.....	.....	1	3	.....
.....	.....	3	.....	2	41	2	.....
1	.....	4	1	2	1	5	1
4	99	16	20	18	281	24	25

APPENDIX

*Statement showing the Annual Income and
the Province of Bombay*

No.	Name of Institution.	Income.				
		Sale proceeds of sera, vaccines, quinine, etc.	Contributions.	Miscellaneous.	Recoveries of over- payments.	Total.
1	2	3	4	5	6	7
		Rs.	Rs.	Rs.	Rs.	Rs.
1	Director and Assistant Directors of Public Health.	2,65,039 (a)	..... ..... .....	78,220 (b)	9,557 (c)	3,52,816
2	Public Health Laboratory, Poona.	.....	46,312	.....	.....	46,312
3	Belgaum Vaccine Institute ...	1,01,194	35,144	11,373	.....	1,47,711
4	Local Vaccination Establish- ment.	.....	1,85,350	.....	.....	1,85,350
5	Establishment of a Health Unit Organization.	.....	.....	.....	.....	.....
6	District Health Officers ...	.....	.....	.....	.....	.....
7	Permanent Malaria Organisa- tion.	.....	.....	.....	.....	.....
8	Infectious Diseases Hospital, Poona.	.....	59,772	.....	.....	59,772
9	Epidemic Medical Officers ...	.....	.....	.....	.....	.....
10	Eradication of Malaria ...	.....	.....	.....	.....	.....
11	Comprehensive Malaria Control Scheme.	.....	.....	.....	.....	.....
12	Extension of Malaria Organisa- tion.	.....	.....	.....	.....	.....
13	Establishment of Combined Medical and Public Health Unit.	.....	.....	.....	.....	.....
14	Public Health Propaganda ...	.....	.....	.....	.....	.....
15	Permanent Plague Organisa- tion.	.....	.....	.....	.....	.....
16	Mobile Hospital Units ...	.....	.....	.....	.....	.....
	Total ...	3,66,233	3,26,578	89,593	9,557	7,91,961

IV.

Expenditure under the Public Health Department in during the year 1948-49.

Expenditure.

Pay of officers.	Pay of establishment, including peons.	Allowances.	Contingencies.	Grants-in-aid.	Other charges including expenditure on Medical Officers appointed on Malaria and inoculation duties and quinine, and Plague Recrudescence Enquiry, etc. Training of Sanitary Inspectors, S.M.P. etc.	Total.
8	9	10	11	12	13	14
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
.....						
64,343	1,73,244	1,44,324	40,455	2,07,658	12,30,047	18,60,071
1,934	28,039	14,036	37,467	(a)	.....	81,476
3,218	49,494	38,238	70,846	.....	.....	1,67,796
.....	2,38,540	2,45,696	821	41,905	.....	5,26,962
.....	24,020	17,587	7,862	.....	.....	49,569
52,860	8,51,381	7,45,028	1,40,190	.....	.....	17,89,459
35,666	56,336	88,041	2,79,859	.....	.....	4,60,902
10,800	28,199	16,784	26,265	.....	.....	82,048
.....	1,11,239	85,351	3,555	63,240	.....	2,63,885
.....	.....	.....	71,611	.....	.....	71,611
17,401	62,873	89,363	5,15,940	.....	.....	6,85,577
19,847	28,169	38,457	17,607	.....	.....	1,04,080
.....	59,512	52,678	25,170	.....	.....	1,37,360
.....	627	580	27,134	.....	.....	28,341
273	6,980	5,895	13,058	.....	.....	26,206
.....	63,619	41,421	34,945	.....	.....	1,39,985
.....						
2,13,342	17,82,272	16,23,479	13,12,885	3,12,803	12,30,047	64,74,828

APPENDIX

ANNUAL FORM No. I.—Showing the BIRTHS registered in the

1	2	3			4		
Number	Districts.	ESTIMATED MID-YEAR POPULATION FOR 1948.			NUMBER OF BIRTHS REGISTERED.		
		Male.	Female.	Total.	Male.	Female.	Total.
1	Bombay City ...	1,085,504	645,279	1,730,783	27,959	26,670	54,629
	<i>Northern Registration District.</i>						
2	East Khandesh ...	748,534	723,253	1,471,787	24,478	22,691	47,169
3	West Khandesh ...	515,699	499,435	1,015,134	19,771	18,487	38,258
4	Surat ...	491,432	48,875	980,189	17,721	16,920	34,641
5	Broach ...	228,319	215,118	443,437	8,163	7,739	15,902
6	Kaira ...	546,886	495,161	1,042,047	19,617	17,037	36,654
7	Panch Mahals ...	299,950	283,274	583,224	9,135	8,516	17,651
8	Ahmedabad ...	847,446	701,943	1,549,389	26,384	24,315	50,699
	<i>Central Registration District.</i>						
9	Ahmednagar ...	641,878	618,413	1,260,291	21,962	20,538	42,500
10	Poona ...	764,165	739,556	1,503,721	21,669	19,546	41,215
11	Nasik ...	615,426	583,647	1,200,073	22,362	21,076	43,438
12	Thana ...	514,138	488,477	1,002,615	11,714	10,809	22,523
13	Bombay Suburban ...	175,318	132,312	307,630	4,301	4,049	8,350
14	Kolaba ...	351,113	352,329	703,442	9,880	9,137	19,017
15	Ratanagiri ...	666,994	790,850	1,457,844	20,834	19,159	39,993
	<i>Southern Registration District.</i>						
16	Belgaum ...	687,214	647,299	1,334,513	24,401	23,041	47,442
17	Dharwar ...	653,769	619,356	1,273,125	24,969	23,941	48,910
18	Bijapur ...	538,649	515,624	1,054,273	21,425	20,309	41,734
19	Kanara ...	232,088	226,161	458,249	8,073	7,830	15,903
20	Sholapur ...	573,851	541,395	1,115,246	24,597	23,097	47,694
21	Satara ...	705,558	729,880	1,435,438	26,143	23,956	50,099
	Total for the Province ...	11,884,931	11,037,519	22,922,450	395,558	368,863	764,421

V.

DISTRICTS of the BOMBAY PROVINCE during the year 1948.

5			6		
RATIO OF BIRTHS PER 1,000 OF ESTIMATED POPULATION.			MEAN RATIO OF BIRTHS PER 1,000 DURING PREVIOUS FIVE YEARS.		
Male.	Female.	Total.	Male.	Female.	Total.
16.15	15.41	31.56	16.25	15.40	31.65
16.49	15.62	32.11	18.54	17.80	35.34
19.47	19.21	38.68	20.16	19.04	39.20
18.08	17.26	35.34	17.66	16.71	34.37
18.41	17.45	35.86	19.08	17.92	37.01
18.83	16.35	35.18	17.99	15.74	33.73
15.66	14.60	30.26	15.33	14.33	29.71
17.02	15.69	32.71	16.91	15.58	32.49
17.42	16.30	33.72	18.51	17.22	35.73
14.41	13.00	27.41	15.44	15.24	29.68
18.63	17.56	36.18	18.78	17.41	39.39
11.68	10.78	22.46	12.03	11.25	23.32
13.98	13.16	27.14	13.14	12.40	25.54
14.27	13.06	27.33	19.06	11.44	24.51
14.291	13.14	27.43	14.17	13.26	27.44
18.28	17.26	35.55	16.87	15.93	32.75
19.61	18.80	38.42	17.01	16.31	33.32
20.32	19.26	39.58	18.15	17.59	35.75
17.62	17.08	34.70	15.88	15.03	30.91
22.06	20.71	42.77	20.79	24.42	45.21
18.20	16.69	34.89	18.05	16.86	34.91
17.26	16.09	33.35	17.24	16.12	33.36

ANNUAL FORM NO. I (a)—Showing the STILL-BIRTHS registered

BOMBAY PROVINCE

Serial Number.	Districts.	STILL-							
		Muslims.		Hindus.		Jains.		Christians.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	Bombay City ...	265	243	1,316	997	35	30	84	62
	<i>Northern Registration District.</i>								
2	East Khandesh ...	1	4	46	36	1	...	...	...
3	West Khandesh ...	5	6	55	42	...	...	...	...
4	Surat ...	36	28	304	241	1	3	...	1
5	Broach ...	32	27	79	80	...	1	...	1
6	Kaira ...	10	6	54	50	...	...	2	2
7	Panch Mahals ...	6	2	38	18	...	1	...	1
8	Ahmedabad ...	56	31	220	195	15	9	5	2
	<i>Central Registration District.</i>								
9	Ahmednagar ...	23	15	214	164	3	2	7	6
10	Poona ...	18	7	397	346	...	1	3	4
11	Nasik ...	...	...	5	4	...	...	...	...
12	Thana ...	11	4	50	27	...	...	4	5
13	Bombay Suburban ...	9	3	49	27	...	...	4	5
14	Kolaba ...	...	2	29	8	...	...	...	...
15	Ratnagiri ...	1	1	16	13	...	...	...	...
	<i>Southern Registration District.</i>								
16	Belgaum ...	39	27	378	319	21	17	3	...
17	Dharwar ...	64	44	657	503	1	1	4	5
18	Bijapur ...	43	26	408	301	...	...	1	1
19	Kanara ...	11	9	191	209	1	1	5	7
20	Sholapur ...	18	15	266	187	...	1	...	1
21	Satara ...	7	6	178	123	...	1	...	...
	Total for the Province.	655	506	4,950	3,890	78	68	122	103

According to Classes and Sex in the DISTRICTS of the
during the year 1948.

BIRTHS.							Percentage ratio to live births.
Parsis.		Other Classes.		TOTAL.			
Male.	Female.	Male.	Female.	Male.	Female.	Total.	
24	22	47	39	1,771	1,393	3,164	5.79
...	...	...	...	48	40	88	.18
...	...	...	...	60	48	108	.28
5	3	...	1	346	277	623	1.80
2	1	...	...	113	110	223	1.40
...	...	...	...	66	58	124	.34
...	...	...	...	44	22	66	.37
...	...	...	...	296	237	533	1.05
...	...	...	...	247	187	434	1.02
...	...	1	2	419	360	779	1.90
...	...	1	...	6	4	10	.02
...	...	...	...	65	36	101	.45
...	...	1	2	63	37	100	1.19
...	...	1	...	30	10	40	.21
...	...	...	...	17	14	31	.07
...	...	...	...	441	363	804	1.69
...	...	...	...	726	553	1,279	2.61
...	...	...	...	452	328	780	1.87
...	...	1	1	209	227	436	2.71
...	...	...	...	284	204	488	1.02
...	...	...	...	185	130	315	0.63
31	26	52	45	5,888	4,638	10,526	1.37

ANNUAL FORM NO. II.—*Showing the DEATHS*
during the

1	2	3	4	5					
Serial Number.	Districts.	Area in square miles.	Average population per square mile.	Number of DEATHS REGISTERED.			DEATHS FROM		
				Male.	Female.	Total.	Cholera.	Small-pox.	Plague.
1	Bombay City ... <i>Northern Registration District.</i>	30	57,622	20,929	16,836	37,765	·00	·09	·00
2	East Khandesh ...	4,598	314	20,537	20,721	41,258	1·01	·09	·02
3	West Khandesh ...	5,320	188	15,172	14,903	30,075	·44	·05	·34
4	Surat ...	1,695	572	8,914	8,090	17,004	·04	·03	·00
5	Broach ...	1,582	316	4,861	4,440	9,303	0·00	·08	·00
6	Kaira ...	1,617	638	11,058	9,903	20,961	·12	·02	...
7	Panch Mahals ...	1,616	360	5,745	5,607	11,352	0·23	·03	...
8	Ahmedabad... <i>Central Registration District.</i>	3,879	393	16,260	15,408	31,668	·05	·12	·00
9	Ahmednagar ...	6,646	179	14,180	13,141	27,321	0·89	0·16	0·09
10	Poona ...	5,347	270	14,154	13,013	27,167	·30	·90	·80
11	Nasik ...	5,922	194	15,155	14,329	29,485	·30	·52	·04
12	Thana ...	3,515	277	7,212	6,576	13,888	·19	·15	·02
13	Bombay Suburban ...	164	1,686	2,415	2,169	4,585	·04	·02	...
14	Kolaba ...	2,212	310	7,948	7,316	15,264	·29	·05	·13
15	Ratnagiri ... <i>Southern Registration District.</i>	4,069	346	14,332	13,980	28,312	·00	·05	·01
16	Belgaum ...	4,497	296	13,297	12,862	26,159	·07	·34	·03
17	Dharwar ...	4,552	273	13,239	11,756	24,995	·03	·09	·00
18	Bijapur ...	5,670	185	14,141	13,456	27,597	·28	·04	·05
19	Kanara ...	3,955	115	3,897	3,554	7,451	·01	·25	...
20	Sholapur ...	4,572	245	17,560	16,896	34,456	0·67	·28	·10
21	Satara ...	4,891	294	14,532	14,026	28,618	·03	·24	·19
	Total for the Province ...	78,389	292	255,599	238,982	494,581	·24	·14	·06

Registered in the DISTRICTS of the BOMBAY PROVINCE
 for the year 1948.

6								7		
100 OF ESTIMATED POPULATION FROM								MEAN RATIO OF DEATHS PER 1,000 DURING PREVIOUS FIVE YEARS.		
Years.	Dysen- tery and Diar- rhœa.	Respira- tory Diseases.	In- juries.	All other causes.	All Causes.			Male.	Fe- male.	Total.
					Male.	Female.	Total.			
1-20	·85	6·98	·81	11·89	19·28	26·09	21·82	20·99	28·82	23·71
3-99	·87	4·10	·12	7·79	27·45	28·65	27·99	28·04	28·37	28·20
3-74	·78	4·26	·16	9·85	29·42	29·88	29·62	27·68	28·40	27·94
6-83	·27	3·11	·24	6·82	13·18	16·55	17·34	25·02	23·29	24·16
11-27	0·18	3·00	0·24	6·20	21·29	20·63	20·97	29·85	31·17	30·52
6-94	·44	6·40	·21	5·98	20·22	20·00	20·11	26·99	27·00	26·99
13-16	·17	2·20	·21	3·46	19·15	19·79	19·46	19·38	18·36	18·88
11-16	·26	3·17	·24	5·43	19·14	21·67	20·43	25·18	28·36	26·61
5-27	1·04	3·89	0·25	10·08	22·09	21·25	21·67	23·55	22·99	23·27
·57	1·10	3·83	·25	6·98	18·52	17·59	18·06	24·03	23·84	23·93
9-79	·73	9·40	·24	3·57	24·69	24·59	24·64	27·65	27·61	27·67
5-06	·43	2·67	·37	4·86	14·03	13·46	13·75	15·51	14·11	14·83
3-20	·76	5·47	·29	5·07	13·77	16·39	14·90	14·40	16·55	15·32
9-80	·77	4·35	·17	6·15	22·63	20·76	21·69	22·95	21·85	22·24
6-20	·14	5·77	·15	7·02	21·48	17·67	19·57	21·97	18·32	20·04
5-59	1·50	3·03	·32	8·71	19·34	19·87	19·60	24·28	24·31	24·37
7-22	·47	2·82	·34	8·66	20·25	18·98	19·63	27·80	27·53	27·66
10-07	1·66	3·89	·38	9·81	26·25	26·10	26·18	25·05	25·05	25·05
4-44	·74	1·87	·32	8·60	16·79	15·71	16·26	23·55	22·87	23·24
8-60	1·50	4·02	·33	15·38	30·80	30·21	30·89	28·89	29·49	29·09
6-82	1·01	2·42	·33	8·89	20·68	19·21	19·93	24·19	23·64	24·00
7-76	·79	4·27	·30	8·01	21·50	21·60	21·57	24·51	24·76	24·64

ANNUAL FORM NO. III.—DEATHS *registered in the Districts*
during each month

1	2	3				
Number.	Districts.	January.	February.	March.	April.	May.
	A.—DISTRICTS (EXCLUDING TOWNS).					
	<i>Northern Registration Districts.</i>					
1	East Khándesh	2,689	2,152	2,497	2,448	2,394
2	West Khándesh	2,428	1,897	2,091	2,165	1,857
3	Surat	1,396	1,054	1,128	958	797
4	Broach	570	682	707	583	553
5	Kaira	1,397	1,181	1,446	1,405	1,221
6	Panch Maháls	1,132	989	989	1,005	719
7	Ahmedabad	1,275	936	1,129	1,170	942
	<i>Central Registration Districts.</i>					
8	Ahmednagar	1,879	1,531	1,466	1,734	1,789
9	Poona	1,484	1,290	1,193	1,451	1,436
10	Násik	2,227	1,732	1,808	2,082	1,983
11	Thána	1,011	817	782	865	807
12	Bombay Suburban	49	46	53	12	35
13	Kolaba	1,490	900	1,581	1,023	494
14	Ratnágiri	2,277	2,119	2,166	2,107	1,867
	<i>Southern Registration District.</i>					
15	Belgaum	1,979	1,700	1,967	1,797	1,746
16	Dhárwár	1,606	1,437	1,752	1,538	1,380
17	Bijápur	1,910	1,667	1,772	1,675	1,554
18	Kánara	746	600	557	440	410
19	Sholápur	1,529	1,071	1,199	1,198	1,509
20	Sátára	1,983	1,561	1,836	1,884	2,033
	Total for Districts ...	31,457	25,362	28,028	27,540	26,108
	*Ratio per mille of population...	22.23	19.75	19.81	20.78	18.45

* The ratios should be calculated with

TRICTS (*Rural Circles*) and in the TOWNS of the BOMBAY PROVINCE
of the year 1948.

							4	5
June.	July.	August.	Septem- ber.	October.	November.	Decem- ber.	Total deaths registered during the year.	Number.
1,883	2,663	4,168	3,302	2,885	2,904	3,012	32,907	1
1,517	1,789	2,993	2,604	2,604	2,428	2,788	26,621	2
832	888	1,017	909	888	905	968	11,740	3
526	442	515	505	525	535	674	7,199	4
1,412	1,544	1,485	1,449	1,509	1,339	1,403	16,691	5
593	623	830	820	878	947	908	10,433	6
981	887	966	1,115	1,200	988	1,033	12,622	7
1,843	2,876	2,914	2,589	2,083	1,941	2,338	24,987	8
1,279	1,718	1,456	1,723	1,724	1,309	1,777	17,840	9
1,507	2,292	2,500	2,157	1,710	2,184	2,786	24,963	10
758	967	1,154	1,315	1,052	13,09	1,311	12,148	11
57	52	30	138	46	74	96	688	12
892	1,167	1,342	1,278	842	1,242	1,411	14,382	13
1,853	2,309	2,531	2,574	2,306	2,166	2,744	27,019	14
1,719	1,947	2,043	2,102	2,166	1,942	2,049	23,157	15
1,299	1,489	1,619	1,744	1,836	1,725	1,913	19,338	16
1,689	2,169	2,258	2,593	2,454	2,278	2,541	24,560	17
458	503	562	544	565	503	632	6,520	18
1,341	2,058	2,609	2,528	2,074	1,909	2,198	21,223	19
1,850	2,198	2,678	2,740	2,505	2,325	2,710	26,303	20
24,229	30,581	35,870	34,729	31,297	30,953	35,292	3,61,446	
17.65	21.61	25.35	25.29	22.12	22.54	24.94	21.64	

reference to the number of days in each month.

1	2	3				
Number.	Towns.	January.	February.	March.	April.	May.
	B.—TOWNS.					
1	Bombay City	32,76	2,965	3,265	3,029	2,997
	<i>East Khandesh District.</i>					
2	Jalgaon	104	83	74	92	107
3	Nasirabad	33	35	27	19	39
4	Asoda	13	11	15	8	12
5	Yawal	31	12	12	9	29
6	Faizpur	9	9	12	27	22
7	Erandol	17	24	30	20	23
8	Dharangaon	25	32	29	34	40
9	Kasoda	17	20	16	13	17
10	Amalner	45	43	50	46	48
11	Parola	30	32	29	31	31
12	Chalisgaon	46	50	38	43	77
13	Pachera	14	24	6	13	9
14	Nagardeola	20	13	26	9	9
15	Bhusawal	63	43	49	78	61
16	Chopda	24	27	19	22	28
17	Adawad	17	14	11	12	6
18	Raver	19	16	19	17	17
19	Savda	20	5	12	18	16
20	Bhadgaon	21	21	27	28	36
21	Varangaon	19	13	19	20	16
22	Bodvad	14	7	18	7	4
23	Jamner	13	13	15	17	12
24	Shendurni	13	19	31	16	23
	<i>West Khandesh District.</i>					
25	Dhulia	105	105	114	116	124
26	Nandurbar	56	59	54	59	41
27	Shindkheda	23	11	18	14	26
28	Betawad	17	6	21	10	18
29	Shirpur	28	23	24	30	30
30	Shahada	16	9	12	16	16
31	Taloda	23	21	31	29	27
32	Nawapur	11	10	18	3	6

No. III—*contd.*

							4	5
June.	July.	August.	Septem- ber.	October.	November.	Decem- ber.	Total deaths registered during the year.	Number.
2,904	3,299	3,312	3,316	3,211	2,970	3,221	37,765	1
70	73	104	114	74	99	88	1,082	2
22	30	38	43	29	36	23	374	3
19	50	57	30	17	22	13	267	4
27	14	10	28	12	19	23	246	5
5	13	17	23	27	27	17	208	6
14	31	57	43	39	35	53	386	7
25	46	66	73	44	28	47	489	8
19	23	23	31	31	23	21	256	9
24	75	61	79	41	56	67	645	10
22	23	61	60	47	34	41	441	11
45	55	62	66	36	44	41	603	12
9	22	12	13	10	...	7	138	13
10	13	26	21	10	17	19	193	14
54	67	98	60	65	54	66	758	15
33	40	45	43	38	39	25	383	16
2	10	10	13	17	9	12	133	17
14	23	31	28	14	21	13	232	18
17	21	40	23	33	24	25	254	19
20	32	32	28	31	24	30	330	20
15	21	71	35	19	11	18	277	21
5	11	23	21	...	20	13	143	22
11	22	38	26	19	20	14	220	23
8	29	40	39	28	24	23	293	24
80	88	134	123	107	131	135	1,362	25
38	48	90	109	84	49	67	754	26
14	15	31	36	26	16	16	248	27
5	5	23	8	16	16	19	164	28
33	22	34	26	25	34	25	334	29
12	16	16	23	19	19	11	185	30
19	11	39	19	12	20	27	278	31
4	13	14	15	6	13	16	129	32

1	2		3				
Number.	Towns.		January.	February.	March.	April.	May.
	<i>B.—TOWNS—contd.</i>						
	<i>Surat District.</i>						
33	Surat	...	414	403	408	410	403
34	Rander	...	23	13	15	24	26
35	Bardoli	...	15	10	17	12	10
36	Bulsar	...	32	24	28	20	22
37	Pardi	...	8	10	8	6	7
	<i>Broach District.</i>						
38	Broach	...	140	94	105	102	108
39	Amod	...	8	7	5	5	1
40	Jambusar	...	43	25	29	32	23
41	Ankleshwar	...	47	23	29	20	21
42	Hansot	...	6	10	8	5	3
	<i>Kaira District.</i>						
43	Kaira	...	15	15	18	17	20
44	Mehmedabad	...	15	20	17	16	18
45	Nadiad	...	109	89	96	110	67
46	Mahudha	...	23	11	13	23	18
47	Borsad	...	35	25	41	31	40
48	Anand	...	31	34	40	46	26
49	Umreth	...	37	27	36	38	39
50	Dakore	...	19	21	31	19	22
51	Kapadvanj	...	37	29	37	23	28
52	Matar	...	9	5	10	9	9
	<i>Panch Mahals District.</i>						
53	Godhra	...	35	29	26	9	17
54	Dohad	...	31	14	25	24	30
55	Jhalod	...	6	2	7	4	9
56	Kalol	...	14	12	12	3	10
57	Halol	...	6	5	6	9	6

No. III—contd.

							4	5
June.	July.	August.	Septem- ber.	October.	November.	Decem- ber.	Total deaths registered during the year	Number.
375	597	401	368	314	316	324	4,530	33
12	24	21	20	23	14	21	236	34
15	16	12	6	10	7	17	147	35
17	19	30	16	12	20	20	260	36
9	9	6	4	7	6	11	91	37
106	105	144	112	84	118	122	1,340	38
7	6	9	7	6	13	6	80	39
22	18	23	34	21	20	24	314	40
21	22	29	17	26	19	30	304	41
3	5	4	5	7	3	5	64	42
20	12	19	9	14	19	10	188	48
25	16	17	22	11	17	23	217	44
94	144	203	137	111	95	125	1,380	45
25	24	26	21	25	16	13	238	46
40	42	41	52	47	43	51	488	47
41	28	38	49	40	42	47	462	48
25	31	31	45	42	27	28	406	49
21	19	25	21	25	33	35	291	50
32	38	41	53	22	22	36	398	51
6	12	9	11	16	3	3	102	52
11	23	29	30	23	20	30	235	53
29	21	37	31	24	61	68	395	54
2	7	5	7	6	12	16	83	55
7	4	5	7	2	7	6	89	56
.....	9	7	7	.....	4	11	70	57

1	2	3
Number.	Towns.	January. February. March. April. May.
	B.—TOWNS—contd.	
	<i>Ahmedabad District.</i>	
58	Ahmedabad	1,348 1,315 1,525 1,595 1,273
59	Dhandhuka	33 24 24 21 10
60	Dholera	8 2 7 8 8
61	Ranpur	11 21 12 16 11
62	Sanand	9 11 21 21 10
63	Virangam	44 44 70 67 74
64	Mandal	5 8 15 12 8
65	Patdi	25 12 10 18 14
66	Prantij	23 14 21 12 13
67	Modasa	14 17 8 15 28
68	Dholka	32 37 43 35 18
69	Ahmedabad Cantonment	2 2 6 2 2
	<i>Ahmednagar District.</i>	
70	Ahmednagar	91 133 90 84 97
71	Sangamner	25 42 23 14 18
72	Ahmednagar Cantonment	15 16 21 20 20
73	Shrigonda	11 6 7 6 8
74	Kopergaon	9 13 8 14 12
75	Belapur and Ainaur	3 3 4 7 3
76	Pathardi	7 9 10 5 8
77	Shrirampur	4 6 4 6 4
	<i>Poona District.</i>	
78	Poona City	614 585 633 596 566
79	Poona Suburban	45 57 42 41 32
80	Junnar	3 4 2 3 3
81	Baramati	17 15 21 12 18
82	Lonavala, including Khandala... ..	20 8 22 11 12
83	Poona Cantonment	58 25 28 22 38
84	Kirkee do.	47 25 47 26 32
85	Alandi	4 5 4 5 5
86	Indapur	4 2 3 4 6
87	Jejuri	4 4 3 3 3
88	Saswad	8 9 3 11 9
89	Sirur	6 4 8 6 6
90	Talegaon Dabhade	3 3 13 3 4

No. III—contd.

							4	5
June.	July.	August.	Septem- ber.	October.	November.	Decem- ber.	Total deaths registered during the year.	Number.
1,208	1,246	1,050	1,624	1,607	1,290	1,426	16,517	58
20	27	19	12	29	29	41	282	59
9	1	2	6	9	5	9	74	60
9	12	7	15	13	17	11	155	61
6	12	10	12	11	16	18	157	62
63	57	60	53	68	64	68	737	63
14	7	9	12	10	11	10	121	64
3	8	14	9	12	6	8	144	65
13	13	10	20	21	14	22	196	66
17	17	14	26	16	13	25	210	67
30	37	20	46	43	39	37	417	68
2	2	3	4	1	2	1	29	69
75	130	141	161	95	111	109	1,317	70
8	31	5	11	6	8	12	203	71
22	23	33	41	15	25	35	286	72
4	12	7	18	6	11	7	108	73
18	28	13	14	9	7	9	154	74
12	12	11	9	7	10	4	95	75
5	13	12	12	9	6	10	106	76
12	15	5	5	5	2	3	70	77
514	656	652	565	527	510	652	7,070	78
36	38	50	47	32	46	47	495	79
2	11	4	8	11	5	14	70	80
14	40	14	19	15	13	23	221	81
11	15	13	14	14	22	17	179	82
31	35	26	40	37	43	47	440	83
37	45	31	43	50	34	47	464	84
5	2	3	14	11	5	7	70	85
4	3	4	2	2	8	5	47	86
2	5	5	9	3	1	5	48	87
3	7	9	8	3	12	6	88	88
1	9	9	7	5	6	14	81	89
5	1	3	5	3	5	5	54	90

1	2	3				
Number.	Towns.	January.	February.	March.	April.	May.
	B.—TOWNS—contd.					
	<i>Nasik District.</i>					
91	Nasik	182	144	182	202	189
92	Trimbak	7	10	11	10	11
93	Bhagur	17	12	13	4	16
94	Sinnar	18	11	14	14	8
95	Igatpuri	7	12	15	7	8
96	Manmad	14	23	19	30	14
97	Nandgaon	13	9	10	15	7
98	Yeola	32	33	41	33	40
99	Malegaon	61	43	68	68	97
100	Deolali Cantonment	5	8	9	10	11
	<i>Thana District.</i>					
101	Bassein	25	15	8	13	14
102	Bhiwandi	23	12	17	25	18
103	Thana ... ..	.....	54	57	63	49
104	Kalyan	56	43	38	33	45
105	Palghar	9	2	5	7	3
	<i>Bombay Suburban District.</i>					
106	Bandra	132	139	172	133	138
107	Kurla	58	42	43	66	53
108	Ghatkopar-Kirol	44	33	33	38	38
109	Juhu	4	5	9	4	5
110	Malad	39	16	28	22	.....
111	Vile Parle and Andheri	66	57	34	39	38
	<i>Kolaba District.</i>					
112	Alibag	10	6	10	8	9
113	Pen	9	5	7	4	5
114	Roha	24	3	11	3	3
115	Mahad	23	15	6	8	6
116	Panvel	26	26	37	15	15
117	Uran	10	15	11	8	9
118	Matheran	5	7	3	3	6

No. III—contd.

							4	5
June.	July.	August.	Septem- ber.	October.	November.	Decem- ber.	Total deaths registered during the year.	Number.
140	173	183	189	119	168	187	2,004	91
10	9	10	7	7	5	15	112	92
22	15	13	8	9	8	9	146	93
12	15	21	19	9	19	17	177	94
10	14	17	17	13	8	18	146	95
18	29	22	25	23	21	16	254	96
8	13	19	15	9	9	7	134	97
33	50	57	31	37	34	45	466	98
80	73	77	76	128	139	72	982	99
8	14	7	8	5	3	8	96	100
16	9	13	15	13	7	18	166	101
9	12	11	5	10	2	19	163	102
82	79	66	73	78	83	67	751	103
39	49	32	43	53	32	37	505	104
5	7	9	2	2	1	3	55	105
166	149	160	170	157	154	147	1,817	106
47	56	51	39	40	46	52	593	107
43	50	48	33	34	49	39	482	108
1	4	3	5	7	3	3	53	109
65	47	45	49	53	38	44	446	110
39	39	47	40	36	37	33	505	111
8	15	7	15	9	12	7	116	112
2	7	10	8	8	10	10	85	113
14	6	10	7	3	5	6	95	114
12	13	26	9	6	12	14	150	115
3	25	12	37	15	22	19	257	116
6	7	16	5	9	8	9	113	117
5	6	6	11	2	2	10	66	118

1	2						3
Number	Towns.	January.	February.	March.	April.	May.	
	B.—TOWNS—contd.						
	<i>Ratnagiri District.</i>						
119	Ratnagiri ...	44	20	27	45	26	
120	Vengurla ...	12	15	15	9	15	
121	Malwan ...	10	27	19	24	24	
122	Chiplun ...	26	13	14	15	11	
123	Rajapur ...	20	11	11	13	6	
	<i>Belgaum District.</i>						
124	Belgaum ...	110	88	91	152	83	
125	Gokak ...	16	32	14	21	16	
126	Athani ...	27	22	20	17	16	
127	Nipani ...	33	24	29	24	22	
128	Bail-Hongal ...	11	21	18	23	13	
129	Chikodi ...	17	19	16	14	21	
130	Khanapur ...	8	9	7	2	5	
131	Saundatti Yellamma ...	9	9	14	10	12	
132	Belgaum Cantonment ...	10	6	3	9	4	
	<i>Dharwar District.</i>						
133	Dharwar ...	64	60	72	85	58	
134	Hubli ...	113	96	109	95	74	
135	Gadag-Bettigeri ...	121	121	124	103	113	
136	Ranebennur ...	25	12	36	26	16	
137	Nawalgund ...	9	13	5	10	7	
138	Annigeri ...	22	15	18	15	12	
139	Bankapur ...	8	8	11	10	4	
140	Byadgi ...	11	9	16	12	16	
141	Hangal ...	13	9	6	13	10	
142	Haveri ...	20	5	12	10	12	
143	Nargund ...	18	21	8	20	15	
144	Ron ...	1	25	19	21	8	
145	Shiggaon ...	10	5	8	10	8	
146	Tuminkatti ...	5	7	6	2	10	

No. III—contd.

							4	5
June.	July.	August.	September.	October.	November.	December.	Total deaths registered during the year.	Number.
36	34	44	45	45	42	36	444	119
10	22	20	22	14	23	25	202	120
2	28	27	30	30	30	28	279	121
18	26	40	19	16	17	16	231	122
6	11	13	11	12	9	14	137	123
67	111	153	143	99	73	119	1,287	134
19	26	21	19	36	29	34	283	125
16	21	21	27	30	13	35	265	126
30	34	39	46	38	31	47	397	127
14	18	21	25	16	23	14	217	128
20	26	25	24	24	26	30	263	129
3	1	9	8	9	7	5	73	130
8	15	18	13	14	6	13	141	131
11	5	1	5	10	8	5	77	132
55	73	99	96	80	65	98	905	133
87	132	145	143	136	126	118	1,374	134
104	150	155	126	118	103	141	1,434	135
34	28	16	30	23	34	40	320	136
8	14	22	28	25	33	20	195	137
17	19	25	17	18	25	22	226	138
7	14	14	11	15	7	18	127	139
11	14	19	23	21	33	19	204	140
7	12	8	9	7	10	17	121	141
16	17	21	16	17	19	29	194	142
18	21	13	22	20	19	18	204	143
14	16	18	14	13	21	14	184	144
2	9	3	7	6	9	6	83	145
9	4	5	8	8	14	8	86	146

1 Number.	2 Towns.		3				
			January.	February.	March.	April.	May.
	B.—TOWNS—contd.						
	<i>Bijapur District.</i>						
147	Bijapur	...	90	90	40	49	92
148	Bagalkot	...	42	28	44	28	25
149	Guledgud	...	34	31	34	26	32
150	Ilkal	...	36	38	47	37	30
151	Bilgi	...	13	9	6	9	4
152	Hungund	...	24	13	7	10	4
153	Kerur	...	25	20	11	18	13
154	Talikot	...	14	13	9	16	14
	<i>Kanara District.</i>						
155	Karwar	...	17	25	14	12	13
156	Kumta	...	9	8	6	7	7
157	Gokarn	...	7	10	3	9	2
158	Honawar	...	9	11	5	...	9
159	Bhatkal	...	10	18	15	12	7
160	Halyal	...	10	4	3	5	5
161	Sirsi	...	22	16	17	9	16
	<i>Sholapur District.</i>						
162	Sholapur	...	614	662	763	824	707
163	Barsi	...	94	87	77	120	107
164	Pandharpur	...	94	76	105	118	104
165	Karkamb	...	15	18	15	16	9
166	Karmala	...	17	12	7	14	14
167	Kurduwadi	...	18	27	16	11	13
168	Mohol	...	7	4	13	9	9
169	Sangola	...	13	6	19	14	13
170	Vairag	...	7	11	13	8	12
	<i>Satara District.</i>						
171	Satara	...	73	63	74	61	68
172	Wai	...	21	20	27	24	28
173	Karad	...	12	10	11	13	20
174	Ashta	...	7	15	9	9	7
175	Islampur	...	8	5	7	7	3

No. III—contd.

							4	
June.	July.	August.	Septem- ber.	October.	November.	Decem- ber.	Total deaths registered during the year.	Number.
64	82	78	113	72	104	95	969	147
38	43	50	56	35	39	57	485	148
31	32	29	49	37	35	33	403	149
30	34	55	44	52	40	46	489	150
...	7	7	8	9	11	18	101	151
11	14	13	14	9	11	17	147	152
15	11	12	21	18	27	34	225	153
17	14	32	24	18	20	27	218	154
16	18	13	15	12	14	23	192	155
17	11	10	16	20	19	17	147	156
8	3	4	2	2	6	6	62	157
11	6	8	9	8	6	13	95	158
5	13	17	13	16	20	15	161	159
5	3	3	6	2	4	9	53	160
21	29	20	19	20	10	16	215	161
491	601	974	1,091	888	739	804	9,158	162
78	130	154	164	152	123	135	1,421	163
102	182	193	189	158	159	123	1,603	164
21	12	14	9	17	10	13	169	165
12	23	23	29	23	28	22	224	166
15	24	22	17	23	20	23	239	167
3	15	9	13	11	9	9	111	168
10	10	16	15	11	17	20	164	169
11	14	15	19	15	7	12	144	170
51	76	61	69	66	56	92	810	171
15	28	31	39	40	27	31	331	172
12	12	20	21	25	23	25	204	173
13	8	16	16	9	11	11	131	174
6	12	8	7	4	8	8	83	175

1	2	3				
Number.	Towns.	January.	February.	March.	April.	May.
	B.—TOWNS—concl'd. <i>Satara District—contd.</i>					
176	Mahabaleshwar ...	8	8	5	8	8
177	Mhaswad ...	13	8	9	8	11
178	Panchgani ...	2	2	...	4	2
179	Rahimatpur ...	6	10	13	8	14
180	Tasgaon ...	16	15	21	10	8
181	Vita ...	9	8	15	9	11
	Total for Towns ...	11,020	10,106	11,094	10,902	10,256
	Ratio per mille for Towns ...	20.88	21.10	21.02	21.29	19.43
	Total for the Province ...	42,477	35,468	39,122	38,442	36,364
	*Ratio per mille for the Province.	21.87	20.55	20.13	20.39	18.72

* The ratios have been calculated with reference to the number of days in each month.

No. III—concl'd.

							4	5
June.	July.	August.	Septem- ber.	October.	November.	Decem- ber.	Total deaths registered during the year.	Number.
3	5	3	8	5	6	9	76	176
8	14	14	10	17	6	22	140	177
5	2	3	1	6	4	9	40	178
15	11	10	14	22	17	13	153	179
19	13	16	15	13	19	21	186	180
11	16	16	21	16	10	19	161	181
9,544	11,251	12,199	12,686	11,458	10,766	11,853	133,135	
18.64	21.32	23.12	24.77	21.71	21.02	22.46	21.37	
33,773	41,832	48,069	47,415	42,755	41,719	47,145	494,581	
17.91	21.53	24.74	25.15	22.01	24.75	24.27	21.57	

ANNUAL FORM No. IV.—DEATHS registered according to AGE in the
during the

No.	Districts and Towns.	Under one						
		Not exceeding one month.						Total.
		Male.			Female.			
		Under one week.	Over one week.	Total.	Under one week.	Over one week.	Total	
1	2	3	4	5	6	7	8	9
A - DISTRICTS (EXCLUDING TOWNS).								
Northern Registration District.								
1	East Khándesh	1,151	467	1,618	1,021	394	1,415	3,033
2	West Khándesh	599	476	1,075	526	373	899	1,974
3	Surat	358	227	585	296	247	543	1,128
4	Broach	236	216	452	185	186	371	823
5	Kaira	222	300	522	200	256	456	978
6	Panch Maháls	115	181	296	106	193	299	595
7	Ahmedabad	141	221	362	133	178	311	673
Central Registration District.								
8	Ahmednagar	961	489	1,450	673	395	1,068	2,518
9	Poona	404	231	635	256	232	488	1,123
10	Násik	713	596	1,309	501	491	992	2,301
11	Thana	272	162	434	222	155	377	811
12	Bombay Suburban	10	3	13	9	3	12	25
13	Kolába	453	158	611	354	113	467	1,078
14	Ratnágiri	322	337	659	295	252	547	1,206
Southern Registration District.								
15	Belgaum	807	436	1,243	641	337	978	2,221
16	Dhárwár	800	607	1,407	594	440	1,034	2,441
17	Bijápur	587	570	1,157	434	486	920	2,077
18	Kánara	388	203	591	325	153	478	1,069
19	Sholápur	734	446	1,182	401	502	903	2,085
20	Sátára	649	512	1,161	566	446	1,012	2,173
Total of Districts ...		9,922	6,840	16,762	7,738	5,832	13,570	30,332
Ratio per mille*								

* Population being not available

DISTRICTS (*Rural Circles*) and TOWNS of the BOMBAY PROVINCE
 Year 1946.

ear.									One and under five years.	
Over one month and not exceeding six months.			Over six months and not exceeding twelve months.			Total.				
Male.	Fe- male.	Total.	Male.	Fe- male.	Total.	Male.	Fe- male.	Total.	Male.	Fe- male.
10	11	12	13	14	15	16	17	18	19	20
1,428	1,326	2,754	572	553	1,125	3,618	3,294	6,912	4,489	4,902
1,231	1,146	2,377	582	555	1,137	2,888	2,600	5,488	4,421	4,608
552	479	1,031	239	203	442	1,376	1,225	2,601	1,208	1,054
393	335	728	181	168	349	1,026	874	1,900	799	735
831	761	1,592	584	597	1,181	1,937	1,814	3,751	2,184	1,984
478	426	904	203	193	396	977	918	1,895	1,136	1,212
654	605	1,259	460	416	876	1,476	1,332	2,808	1,716	1,623
1,186	944	2,080	691	564	1,255	3,277	2,576	5,853	2,604	2,420
1,144	720	1,864	378	319	697	2,157	1,527	3,684	1,748	1,439
1,315	1,300	2,615	622	587	1,209	3,246	2,879	6,125	3,192	3,315
450	433	883	182	181	363	1,066	991	2,057	1,234	1,344
19	13	32	9	11	20	41	36	77	64	64
437	375	812	241	245	486	1,289	1,087	2,376	1,548	1,490
616	545	1,161	419	384	803	1,694	1,476	3,170	2,248	2,234
1,241	999	2,240	507	436	943	2,991	2,413	5,404	2,636	3,017
736	614	1,350	517	451	968	2,660	2,099	4,759	2,130	2,203
1,073	927	2,000	553	563	1,116	2,783	2,410	5,193	3,057	3,244
202	165	367	86	87	173	879	739	1,609	348	340
956	580	1,536	677	838	1,515	2,815	2,321	5,136	2,739	2,354
1,311	1,123	2,434	684	630	1,314	3,156	2,765	5,921	2,827	2,964
6,203	13,816	30,019	8,387	7,981	16,368	41,352	35,367	76,719	42,328	42,546
						143.12	130.55	137.04		

ties cannot be worked out.

No.	Districts and Towns.	Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female.	Male.	Female.	Male.	Female.
		21	22	23	24	25	26
1	2						
A--DISTRICTS (EXCLUDING TOWNS)—contd.							
Northern Registration District.							
1	East Khándesh	945	1,093	561	559	370	558
2	West Khándesh	935	935	372	346	306	403
3	Surat	283	301	179	160	126	140
4	Broach	182	182	133	116	83	71
5	Kaira	272	291	195	169	235	192
6	Panch Maháls	379	366	170	180	146	117
7	Ahmedabad	311	379	175	179	156	140
Central Registration District.							
8	Ahmednagar	701	777	375	387	289	321
9	Poona	513	477	312	278	290	411
10	Násik	717	728	376	351	316	430
11	Thána	370	344	173	158	165	160
12	Bombay Suburban	18	14	7	6	16	8
13	Kolába	341	350	220	199	190	190
14	Ratnágiri	511	630	280	249	383	370
Southern Registration District.							
15	Belgaum	433	482	330	342	147	210
16	Dhárwár	482	441	272	248	266	340
17	Bijápur	742	823	308	342	207	240
18	Kánara	84	106	81	106	96	110
19	Sholápur	509	678	335	379	363	440
20	Sátára	477	566	292	279	213	260
Total of Districts ...		9,155	9,848	5,146	5,033	4,363	5,160
Ratio per mille* ...							

* Population being not available

No. IV—contd.

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages).		No.
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
27	28	29	30	31	32	33	34	35	36	37	38	
850	856	887	909	930	842	1,110	861	2,727	2,746	16,287	16,620	1
871	982	749	703	778	538	920	773	1,384	1,319	13,424	13,197	2
283	410	398	434	402	295	479	293	1,310	1,244	6,184	5,556	3
154	258	197	245	201	210	307	217	646	463	3,728	3,471	4
563	747	544	542	630	434	793	589	1,529	1,148	8,882	7,909	5
866	430	477	427	331	294	427	305	879	896	5,288	5,145	6
434	467	462	421	384	299	623	481	866	803	6,603	6,019	7
565	890	776	785	797	610	910	638	2,700	2,587	12,994	11,932	8
569	731	610	577	547	477	647	521	1,960	2,049	9,353	8,487	9
568	946	742	643	921	619	1,059	815	1,608	1,391	12,845	12,123	10
414	499	518	477	578	355	625	422	1,161	1,093	6,304	5,844	11
34	22	36	30	32	23	47	39	86	65	381	307	12
464	609	474	502	680	499	806	589	1,468	1,378	7,480	6,902	13
949	992	1,135	1,057	1,123	913	1,779	1,626	3,524	3,842	13,627	13,392	14
75	1,094	572	483	793	567	992	706	1,958	2,116	11,727	11,430	15
26	560	672	687	749	484	893	581	1,673	1,516	10,173	9,165	16
71	736	715	715	783	543	1,035	694	2,337	2,218	12,538	11,972	17
40	355	238	269	349	187	364	260	653	669	3,332	3,139	18
92	622	596	592	480	469	472	386	2,061	2,012	10,962	10,261	19
37	856	769	825	767	596	611	419	3,551	3,367	13,400	12,903	20
225	13,062	11,618	11,323	12,315	9,254	14,949	11,215	34,161	33,021	185,612	175,834	

os cannot be worked out.

No.	Districts and Towns.	Under one month.									Total
		Not exceeding one month.									
		Male.				Female.					
		Within 24 hours.	Under one week.	Over one week.	Total.	Within 24 hours.	Under one week.	Over one week.	Total.		
1	2	3	4	5	6	7	8	9	10	11	
	B—TOWNS.										
1	Bombay City ...	488	896	856	2,240	369	630	731	1,730	3,970	
	East Khandesh District.										
2	Jalgaon ...	3	13	13	29	8	9	10	27	56	
3	Nasirabad ...	1	3	4	8	1	4	6	11	19	
4	Asoda... ..	2	5	1	8	...	4	4	8	16	
5	Yawal... ..	...	3	4	7	1	2	3	6	13	
6	Faizpur ...	...	1	...	1	...	...	...	...	1	
7	Erandol ...	4	1	10	15	1	2	6	9	24	
8	Dharangaon ...	2	7	18	27	1	3	7	11	38	
9	Kasoda ...	6	1	4	11	4	2	6	12	23	
10	Amalner ...	1	7	7	15	2	4	10	16	31	
11	Parola ...	4	10	13	27	2	8	8	18	45	
12	Chalisgaon ...	3	15	12	30	5	5	9	19	49	
13	Pachora ...	1	2	2	5	1	1	...	2	7	
14	Nagardeola ...	2	1	6	9	...	3	7	10	19	
15	Bhadgaon ...	4	2	3	10	1	3	2	6	16	
16	Chopda ...	...	7	3	10	2	5	3	10	20	
17	Adawad ...	...	1	3	4	1	2	2	5	9	
18	Raver ...	1	15	2	18	1	3	2	6	24	
19	Savda ...	1	2	6	9	1	5	3	9	18	
20	Bhusawal ...	10	9	10	29	1	6	5	12	41	
21	Varangaon ...	5	3	1	9	7	4	1	12	21	
22	Bodwad ...	...	1	...	1	...	1	...	1	2	
23	Jamner ...	2	1	1	4	5	...	...	5	9	
24	Shendurni ...	5	6	5	16	1	2	4	7	23	
	West Khandesh District.										
25	Dhulia ...	5	13	36	54	...	6	26	32	86	
26	Nandurbar ...	9	6	9	24	2	7	8	17	41	
27	Shindkheda ...	...	5	6	11	...	2	4	6	17	
28	Betawad ...	1	1	4	6	...	2	3	5	11	
29	Shirpur ...	1	3	6	10	1	2	3	6	16	

No. IV—contd.

year.

Above one month and below three months.			Above three months and below six months.			Above six months and below twelve months.			Total.		
Male.	Fe- male.	Total.	Male.	Fe- male.	Total.	Male.	Fe- male.	Total.	Male.	Fe- male.	Total.
12	13	14	15	16	17	18	19	20	21	22	23
646	506	1,212	661	594	1,255	1,280	1,305	2,585	4,827	4,925	9,052
28	16	44	30	17	47	28	44	72	115	104	219
14	9	23	12	13	25	6	10	16	40	43	43
4	4	8	3	8	11	7	6	13	22	26	48
2	1	3	4	3	7	4	2	6	17	12	29
2	1	3	7	3	10	5	1	6	15	5	20
13	9	22	7	5	12	16	16	32	51	39	90
6	8	14	14	7	21	11	10	21	58	36	94
4	4	8	10	8	18	8	3	11	33	27	60
6	9	15	10	3	13	31	26	57	62	54	116
6	8	14	8	12	20	12	18	30	53	56	109
13	12	25	12	16	28	25	17	42	80	64	144
2	...	2	2	...	2	1	3	4	10	5	15
7	7	14	8	9	17	6	1	7	30	27	57
13	10	23	13	10	23	6	7	13	42	33	75
1	5	6	2	5	7	11	6	17	24	26	50
...	...	...	2	3	5	...	...	...	6	8	14
3	3	6	4	6	10	3	7	10	28	22	50
7	4	11	6	6	12	3	4	7	25	23	48
10	9	19	17	6	23	21	12	33	66	50	116
...	1	1	9	8	17	4	4	8	22	25	47
4	2	6	5	2	7	2	2	4	12	7	19
6	2	8	5	2	7	6	5	11	21	14	35
4	2	6	2	3	5	5	3	8	27	15	42
29	26	55	25	24	49	26	41	77	144	123	267
16	15	31	17	12	29	21	11	32	78	55	133
9	6	15	3	6	9	8	9	17	31	27	58
1	3	4	5	2	7	1	7	8	13	17	30
8	5	14	7	5	12	17	12	29	42	29	71

No.	Districts and Towns.	One and under five years.		Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	24	25	26	27	28	29	30	31
	B-TOWNS <i>-contd.</i>								
1	Bombay City ...	3,187	3,403	669	745	401	454	620	570
	<i>East Khandesh District.</i>								
2	Jalgaon ...	78	93	23	25	17	16	34	41
3	Nasirabad ...	50	42	8	4	3	8	5	12
4	Asoda ...	44	41	8	4	3	4	2	8
5	Yawal ...	27	22	6	8	7	2	2	2
6	Faizpur ...	12	22	5	6	2	7	2	5
7	Erandol ...	29	37	15	13	12	5	6	8
8	Dharangaon ...	46	66	19	23	11	5	7	12
9	Kasoda ...	32	39	5	4	7	3	5	4
10	Amalner ...	79	76	16	14	6	11	4	10
11	Parola ...	48	53	9	9	8	10	9	9
12	Chalisgaon ...	87	86	15	14	3	8	6	7
13	Pachora ...	21	25	8	3	4	4	4	2
14	Nagardeola ...	17	13	4	4	4	1	3	2
15	Bhadgaon ...	41	41	4	2	5	4	3	10
16	Chopda ...	59	57	14	10	2	5	7	6
17	Adawad ...	13	13	4	2	2	5	2	1
18	Raver ...	29	35	6	10	1	1	4	2
19	Savda ...	24	31	11	9	6	5	6	5
20	Bhusawal ...	74	77	13	19	8	11	15	20
21	Varangaon ...	43	42	10	9	3	4	...	6
22	Bodwad ...	17	18	4	2	6	...	1	1
23	Jamner ...	17	29	5	8	3	4	3	8
24	Shendurni ...	32	35	7	6	4	6	2	7
	<i>West Khandesh District.</i>								
25	Dhulia ...	90	126	27	13	20	16	18	35
26	Nandurbar ...	71	83	19	23	12	24	11	24
27	Shindkheda ...	29	37	4	12	1	4	2	6
28	Betawad ...	17	38	2	2	4	2	4	1
29	Shirpur ...	32	30	8	11	6	3	4	4

No. IV—*contd.*

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages).		No.
Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	
32	33	34	35	36	37	38	39	40	41	42	43	44
2,016	1,771	1,983	1,299	1,953	880	2,025	836	3,248	2,653	20,929	16,386	1
46	65	51	33	56	35	48	28	86	88	554	528	2
10	8	7	9	6	10	10	12	39	48	178	196	3
5	6	2	4	10	9	8	5	26	30	130	137	4
7	11	12	13	6	6	10	8	32	36	126	120	5
3	8	3	6	5	2	7	4	42	47	96	112	6
5	15	6	16	14	12	16	12	41	34	195	191	7
13	22	6	14	14	8	22	7	63	37	259	230	8
5	12	5	9	11	5	6	8	13	23	122	134	9
26	35	22	22	26	17	36	18	57	54	334	311	10
13	15	6	16	15	8	17	17	40	30	218	223	11
14	22	18	18	19	12	18	11	42	59	392	301	12
4	4	4	10	7	2	4	2	13	4	77	61	13
3	8	6	8	5	1	6	6	29	16	107	86	14
10	24	7	11	6	8	10	8	29	26	163	167	15
10	7	16	10	17	9	19	8	39	37	208	175	16
3	3	7	7	3	4	9	2	24	15	73	60	17
8	9	2	13	7	5	10	5	19	16	114	118	18
1	8	4	9	7	4	4	10	31	31	119	135	19
40	51	45	22	47	21	53	23	49	54	410	348	20
4	10	10	13	4	7	12	5	24	24	132	145	21
...	3	9	5	6	4	2	3	26	17	83	60	22
11	10	5	5	4	5	6	9	23	30	98	122	23
6	13	14	5	14	11	19	4	27	34	152	141	24
61	83	56	65	58	41	79	50	123	134	676	686	25
34	43	35	24	24	13	30	11	70	69	382	372	26
7	4	5	6	9	6	13	11	10	24	111	137	27
2	3	3	2	6	2	13	6	14	13	73	86	28
12	9	15	11	10	11	13	8	40	33	182	152	29

No.	Districts and Towns.	Under one								
		Not exceeding one month.								Total.
		Male.				Female.				
		Within 24 hours.	Under one week.	Over one week.	Total.	Within 24 hours.	Under one week.	Over one week.	Total.	
1	2	3	4	5	6	7	8	9	10	11
	B—TOWNS —contd.									
	West Khundesh District—contd.									
30	Shahada ...	2	3	1	6	2	4	1	7	13
31	Taloda ...	8	5	5	18	3	4	2	9	27
32	Navapur ...	1	6	6	13	...	4	1	5	18
	Surat District.									
33	Surat ...	104	174	84	362	78	144	63	285	647
34	Rander ...	1	7	4	12	2	2	1	5	17
35	Bardoli ...	5	2	7	14	2	4	2	8	22
36	Bulsar ...	...	3	5	8	...	3	5	8	16
37	Pardi ...	5	2	2	9	1	...	...	1	10
	Broach District.									
38	Broach ...	3	13	34	50	4	14	31	49	99
39	Amod ...	...	...	2	2	...	1	2	3	5
40	Jambusar ...	...	7	10	17	...	5	7	12	23
41	Ankleshwar ...	...	6	10	16	...	3	10	13	29
42	Hansot ...	...	...	2	2	...	...	...	...	2
	Kaira District.									
43	Kaira ...	...	2	8	10	...	2	2	4	14
44	Mehmedabad ...	3	1	8	12	4	...	2	6	18
45	Nadiad ...	4	34	20	58	4	25	21	50	108
46	Mahudha ...	3	1	4	8	3	1	4	8	16
47	Borsad ...	5	15	11	31	9	3	7	19	50
48	Anand ...	2	3	4	9	1	...	5	6	15
49	Umroth ...	...	8	13	21	1	7	20	28	49
50	Dakore ...	4	6	4	14	1	5	5	11	25
51	Kapadvanj ...	1	7	17	25	1	4	7	12	37
52	Matar ...	...	...	1	1	...	1	3	4	5
	Panch Mahals District.									
53	Godhra ...	3	8	6	17	4	9	3	16	33
54	Dohad ...	5	9	12	26	3	8	7	18	44
55	Jhalod ...	...	...	...	...	...	1	2	3	3
56	Kalol ...	...	1	...	1	...	...	...	...	1
57	Halol ...	...	...	...	...	...	1	3	4	4

No. IV—contd.

year.

Above one month and below three months.			Above three months and below six months.			Above six months and below twelve months.			Total.		
Male.	Fe- male.	Total.	Male.	Fe- male.	Total.	Male.	Fe- male.	Total.	Male.	Fe- male.	Total.
12	13	14	15	16	17	18	19	20	21	22	23
5	...	5	3	2	5	7	3	10	21	12	33
8	6	14	7	5	12	8	7	15	41	27	68
1	2	3	3	3	6	2	4	6	19	14	33
117	117	234	95	95	190	139	137	276	713	634	1,347
10	7	17	5	2	7	6	8	14	23	22	55
3	1	4	3	1	4	2	6	8	22	16	38
7	5	12	2	2	4	5	5	10	22	20	42
2	...	2	...	1	1	2	4	6	13	6	19
31	37	68	27	27	54	65	60	126	174	179	347
1	...	1	1	...	1	2	2	4	6	5	11
14	7	21	6	12	18	9	7	16	46	38	84
9	4	13	7	10	17	7	8	15	39	35	74
...	...	...	1	1	2	...	...	...	3	1	4
1	...	1	6	6	12	14	11	25	31	21	52
2	...	2	4	3	7	27	18	45	45	27	72
33	43	81	32	30	62	71	54	125	199	177	376
6	9	15	3	3	6	8	13	21	25	33	58
11	5	16	8	4	12	21	27	48	71	55	126
6	5	11	8	12	20	18	25	43	41	48	89
6	7	13	11	17	28	45	41	87	84	93	177
5	3	8	12	11	23	13	16	29	44	41	85
14	7	21	8	17	25	17	35	52	64	71	135
2	2	4	5	1	6	3	4	7	11	11	22
3	...	3	2	2	4	8	6	14	30	24	54
4	4	8	11	4	15	16	15	31	57	41	98
2	...	2	1	2	3	2	...	2	5	5	10
1	2	3	...	...	...	3	4	7	5	6	11
2	...	2	2	2	4	3	3	6	7	9	16

No.	Districts and Towns.	One and under five years.		Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	24	25	26	27	28	29	30	31
	B-TOWNS —contd.								
	<i>West Khandesh District—contd.</i>								
30	Shahada ...	28	24	10	7	4	5	1	1
31	Taloda ...	40	45	8	5	3	5	3	7
32	Navapur ...	15	14	5	..	3	2	2	3
	<i>Surat District.</i>								
33	Surat ...	385	453	83	85	42	50	49	51
34	Rander ...	18	18	2	4	1	5	3	3
35	Bardoli ...	13	14	5	5	1	4	1	2
36	Bulsar ...	26	18	3	2	1	...	2	8
37	Pardi ...	6	8	2	1	2	...	...	1
	<i>Broach District.</i>								
38	Broach ...	135	118	33	27	17	18	15	25
39	Amod ...	5	5	...	1	2	...	...	3
40	Jambusar ...	28	27	8	3	4	1	6	3
41	Ankleshwar ...	33	30	9	12	2	...	2	3
42	Hansot ...	1	6	2	...	1	3	2	1
	<i>Kaira District.</i>								
43	Kaira ...	15	13	4	1	2	3	...	...
44	Mehmedabad ...	11	10	4	2	...	...	5	7
45	Nadiad ...	147	180	29	24	12	17	22	15
46	Mahuda ...	30	30	5	4	3	1	1	4
47	Borsad ...	54	50	4	11	3	5	9	12
48	Anand ...	33	28	7	8	14	5	11	13
49	Umreth ...	21	21	8	2	4	4	3	4
50	Dakore ...	24	25	3	5	2	1	2	1
51	Kapadvanj ...	43	30	6	7	3	4	4	2
52	Matar ...	9	9	1	4	2	1	1	2
	<i>Panch Mahals District.</i>								
53	Godhra ...	19	30	11	5	2	5	3	2
54	Dohad ...	31	45	8	12	5	5	4	14
55	Jhalod ...	4	14	1	2	...	...	1	2
56	Kalol ...	9	6	1	1	1	3	...	...
57	Halol ...	11	6	1	2	...	1	...	1

No. IV—contd.

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages).		No.
Male.	Fe. male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	
32	33	34	35	36	37	38	39	40	41	42	43	1
5	16	6	9	4	...	8	3	9	12	96	89	30
7	13	2	5	11	2	8	6	21	19	144	134	31
6	3	9	4	4	5	7	2	9	3	79	50	32
118	168	135	159	195	96	221	119	404	370	2,345	2,185	33
8	10	7	11	16	5	15	11	17	27	120	116	34
5	6	2	6	4	1	3	3	17	17	73	74	35
10	12	15	13	15	8	14	11	33	27	141	119	36
1	4	5	5	10	5	2	2	10	8	51	40	37
38	71	33	53	60	35	79	34	123	79	707	533	38
3	1	5	2	7	4	6	2	17	6	51	29	39
9	13	11	5	15	4	15	14	34	30	176	138	40
16	12	10	15	13	3	21	15	18	16	163	141	41
2	2	3	...	2	2	1	3	19	10	36	28	42
9	7	9	6	11	8	3	4	25	16	109	79	43
11	5	4	5	4	1	27	16	17	15	128	89	44
24	43	29	42	44	43	62	29	130	102	703	672	45
7	10	5	5	13	7	11	7	18	19	113	120	46
9	24	8	18	12	13	24	15	46	45	240	248	47
31	32	22	29	32	8	24	9	40	27	255	207	48
5	12	12	13	13	5	13	19	39	31	202	204	49
9	13	16	8	16	7	12	8	32	23	160	131	50
11	20	9	9	14	11	26	12	22	30	202	196	51
7	5	3	4	3	3	5	2	12	7	54	48	52
7	15	10	11	13	10	17	12	37	19	149	133	53
10	32	10	14	15	8	18	18	20	28	178	217	54
1	2	4	3	4	2	5	1	14	13	39	44	55
	2	5	5	2	4	7	4	15	8	50	39	56
...	2	8	2	4	1	2	1	8	4	41	29	57

No.	Districts and Towns.	Under one month.								Total.
		Not exceeding one month.								
		Male.				Female.				
		Within 24 hours.	Under one week.	Over one week.	Total.	Within 24 hours.	Under one week.	Over one week.	Total.	
1	2	3	4	5	6	7	8	9	10	11
	B-TOWNS —contd. Ahmedabad District.									
58	Ahmedabad ...	205	356	344	905	166	290	300	756	1,661
59	Dhandhuka ...	1	6	3	10	1	6	6	13	23
60	Dholera ...	2	1	2	5	...	4	1	5	10
61	Ranpur ...	...	6	6	12	...	...	3	3	15
62	Sanand ...	...	...	5	5	...	1	1	2	7
63	Viramgaon ...	11	8	16	35	10	4	17	31	66
64	Mandal ...	...	2	1	3	...	2	2	4	7
65	Patdi ...	2	2	2	6	1	2	3	6	12
66	Prantij ...	...	2	6	8	1	3	8	12	20
67	Modasa ...	...	6	8	14	...	1	6	7	21
68	Dholka ...	3	10	10	23	1	2	5	8	31
69	Ahmedabad Cantonment.	...	...	...	...	...	...	...	...	...
	Ahmednagar District.									
70	Ahmednagar ...	33	40	13	86	24	33	4	61	147
71	Sangamner ...	...	2	3	5	...	2	1	3	8
72	Ahmednagar Cantonment.	9	5	2	16	2	2	1	5	21
73	Shrigonda ...	1	...	1	2	...	...	...	...	2
74	Kopargaon ...	1	1	2	4	...	2	...	2	6
75	Bellapur and Ainatpur.	1	1	...	2	...	1	...	1	3
76	Pathardi ...	...	2	...	2	...	1	...	1	3
77	Shrirampur ...	...	4	1	5	...	1	3	4	9
	Poona District.									
78	Poona City ...	50	209	177	436	40	165	133	388	774
79	Poona Suburban.	5	19	9	33	3	14	8	25	58
80	Junnar ...	1	1	1	3	2	...	1	3	6
81	Baramati ...	1	6	2	9	2	3	4	9	18
82	Lonavla including Khandala.	1	...	2	3	...	...	1	1	4
83	Poona Cantonment.	2	5	1	8	1	1	2	4	12
84	Khirkee Cantonment.	5	18	9	32	9	8	14	31	63
85	Alandi ...	1	...	...	1	...	4	1	5	6
86	Indapur ...	1	...	1	2	...	...	...	...	2

No. IV—contd.

year.

Above one month and below three months.			Above three months and below six months.			Above six months and below twelve months.			Total.		
Male.	Fe- male.	Total.	Male.	Fe- male.	Total.	Male.	Fe- male.	Total.	Male	Fe- male.	Total.
12	13	14	15	16	17	18	19	20	21	22	23 ¹
383	341	724	406	379	785	841	996	1,837	2,535	2,492	5,007
5	6	11	7	12	19	17	27	44	39	58	97
1	2	3	1	1	2	4	2	6	11	10	21
4	6	10	3	4	7	5	4	9	24	17	41
3	1	4	1	2	3	6	3	9	15	8	23
23	21	44	23	25	48	37	56	93	118	133	251
3	2	5	7	3	10	4	4	8	17	13	30
1	1	2	3	...	3	7	3	10	17	10	27
5	2	7	4	7	11	11	6	17	28	27	55
5	4	9	4	5	9	4	7	11	27	23	50
23	27	50	...	3	3	20	20	40	66	58	124
...	...	...	1	1	2	1	2	3	2	3	5
36	32	68	17	18	35	22	28	50	161	139	300
5	1	6	1	...	1	...	3	3	11	7	18
...	3	3	1	2	3	5	4	9	22	14	36
...	...	...	...	...	...	...	...	...	2	...	2
1	1	2	3	2	5	1	2	3	9	7	16
...	1	1	...	...	...	...	1	1	2	3	5
2	1	3	2	1	3	1	...	1	7	3	10
2	1	3	...	1	1	2	...	2	9	6	15
270	203	473	160	179	339	202	236	438	1,068	956	2,024
10	9	19	6	6	12	9	10	19	58	50	108
2	1	3	1	...	1	1	1	2	7	5	12
5	...	5	3	4	7	6	4	10	23	17	40
6	1	7	1	3	4	9	4	13	19	9	28
5	1	6	8	7	15	3	5	8	24	17	41
11	9	20	16	15	31	9	8	17	68	63	131
1	...	1	...	3	3	...	...	...	2	8	10
...	...	...	1	...	1	...	1	1	3	1	4

No.	Districts and Towns.	One and under five years.		Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	24	25	26	27	28	29	30	31
	B—TOWNS <i>—contd.</i> Ahmedabad District.								
58	Ahmedabad ...	2,067	2,246	311	313	145	168	156	202
59	Dhandhuka ...	28	36	3	9	3	2	3	4
60	Dholera ...	7	5	2	1	1	1	2	1
61	Ranpur ...	15	12	5	5	4	1	1	4
62	Sanand ...	17	29	1	2	3	6	3	1
63	Viramgaon ...	75	100	12	11	10	7	8	7
64	Mandal ...	13	13	5	2	1	1	5	3
65	Patdi ...	15	18	2	3	3	1	6	1
66	Prantij ...	21	16	5	4	2	3	4	2
67	Modasa ...	18	26	2	3	4	2	2	3
68	Dholka ...	45	50	5	5	6	6	6	6
69	Ahmedabad Cantonment.	4	1	...	...	...	...	2	...
	Ahmednagar District.								
70	Ahmednagar ...	104	103	19	19	16	28	28	38
71	Sangamner ...	4	4	7	5	6	13	4	7
72	Ahmednagar Cantonment.	27	21	9	6	5	1	4	10
73	Shrigonda ...	5	5	5	2	...	2	2	1
74	Kopargaon ...	15	13	5	41	5	...	2	6
75	Bellapur and Ainatpur.	5	9	4	4	1	4	1	2
76	Pathardi ...	2	2	1	4	4	3	1	1
77	Shrirampur ...	10	5	3	...	2	...	...	1
	Poona District.								
78	Poona City ...	627	557	124	120	68	96	100	147
79	Poona Suburban.	52	51	5	5	8	8	15	9
80	Junnar ...	9	5	...	...	2	1	2	1
81	Baramati ...	16	15	4	5	4	1	4	9
82	Lonavla including Khandala.	12	7	3	4	1	3	4	2
83	Poona Cantonment.	25	20	3	2	3	3	10	13
84	Khirkee Cantonment.	45	40	9	5	6	3	7	5
85	Alandi ...	10	5	1	2	1	...	1	3
86	Indapur ...	2	1	3	1	2	...	1	1

No. IV—*contd.*

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages).		No.
Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	
32	33	34	35	36	37	38	39	40	41	42	43	1
486	678	516	508	472	290	578	318	1,092	964	8,358	8,159	58
12	7	12	3	5	7	16	14	16	12	137	152	59
4	5	4	1	4	2	2	...	6	5	43	31	60
3	9	7	2	4	2	5	4	15	16	83	72	61
5	3	9	6	10	5	10	5	13	6	86	71	62
22	16	20	22	25	25	25	19	34	48	349	388	63
1	7	3	2	6	...	7	5	8	9	66	55	64
7	3	9	7	5	6	6	8	9	8	79	65	65
6	9	9	4	7	6	10	7	18	8	110	86	66
16	13	9	6	5	1	11	7	14	18	108	102	67
15	20	11	12	11	2	15	10	39	29	219	198	68
8	2	1	...	1	...	3	2	3	2	19	10	69
45	74	52	35	46	35	49	29	135	162	655	662	70
9	17	4	9	11	11	7	7	32	28	95	108	71
16	16	11	11	23	15	12	6	34	23	163	123	72
1	7	6	3	6	5	8	2	22	19	57	46	73
5	9	9	7	7	3	9	3	13	23	79	75	74
3	5	4	8	7	4	4	1	9	15	40	55	75
8	6	3	8	2	3	4	1	21	22	53	53	76
2	4	5	4	4	1	2	2	7	3	44	26	77
238	365	224	219	236	195	324	261	549	586	3,558	3,513	78
25	16	16	12	15	20	29	18	29	53	252	242	79
2	4	3	...	3	2	3	...	11	10	42	28	80
10	12	8	12	10	7	10	9	25	20	114	107	81
7	13	7	9	11	2	6	11	22	27	92	87	82
36	21	25	13	43	11	34	17	74	46	277	163	83
10	23	10	11	16	6	10	25	57	45	233	226	84
4	2	3	1	3	...	6	1	11	6	42	28	85
...	2	1	2	...	1	4	3	14	5	30	17	86

No.	Districts and Towns.	Under one								
		Not exceeding one month.								Total.
		Male.				Female.				
		Within 24 hours.	Under one week.	Over one week.	Total.	Within 24 hours.	Under one week.	Over one week.	Total.	
1	2	3	4	5	6	7	8	9	10	11
	B—TOWNS —contd.									
	Poona District —contd.									
87	Jejuri ...	...	...	...	...	...	...	...	...	...
88	Saswad ...	...	...	...	...	...	...	...	...	...
89	Sirur ...	2	...	1	3	1	...	...	1	4
90	Talegaon-Dabhade.	...	2	...	2	...	3	...	3	5
	Nasik District.									
91	Nasik ...	4	35	17	56	1	23	12	36	92
92	Trimbak ...	...	4	2	6	...	1	...	1	7
93	Bhagur ...	...	...	1	1	...	1	1	2	3
94	Sinnar ...	...	...	...	...	...	1	...	1	1
95	Igatpuri ...	...	3	...	3	...	...	1	1	4
96	Manmad ...	2	1	1	4	...	3	4	7	11
97	Nandgaon ...	...	1	2	3	...	...	1	1	4
98	Yeola ...	4	3	11	18	1	11	8	20	38
99	Malegaon ..	7	34	12	53	...	17	11	28	81
100	Deolali Cantonment.	...	2	...	2	...	...	...	...	2
	Thana District									
101	Bassein ...	1	3	4	8	1	2	2	5	13
102	Bhiwandi ...	...	2	...	2	...	2	1	3	5
103	Thana ...	1	17	22	40	4	14	13	31	71
104	Kalyan ...	2	16	19	37	1	9	16	26	63
105	Palghar ...	...	...	1	1	...	...	1	1	2
	Bombay Suburban District.									
106	Bandra ...	22	50	36	108	16	30	35	81	189
107	Kurla ...	2	11	6	19	1	8	10	19	38
108	Ghatkopar Kirol.	...	17	6	23	2	11	2	15	38
109	Juhu ...	...	1	2	3	...	...	1	1	4
110	Malad ...	...	6	2	8	...	7	4	11	19
111	Vile Parle and Andheri.	1	6	5	12	...	4	2	6	18

No. IV—contd.

Year.											
Above one month and below three months.			Above three months and below six months.			Above six months and below twelve months.			Total.		
Male.	Fe- male.	Total.	Male.	Fe- male.	Total.	Male.	Fe- male.	Total.	Male.	Fe- male.	Total.
12	13	14	15	16	17	18	19	20	21	22	23
1	...	1	1	...	1	1	1	2	3	1	4
3	2	5	2	...	2	1	1	2	6	3	9
5	...	5	1	1	2	...	1	1	9	3	12
...	1	1	...	...	...	5	2	7	7	6	13
58	57	115	33	17	50	56	36	92	203	146	349
5	9	14	1	1	2	4	2	6	16	13	29
4	4	8	...	2	2	1	2	3	6	10	16
5	2	7	1	1	2	3	2	5	9	6	15
4	4	8	...	...	...	2	2	4	9	7	16
5	6	11	2	1	3	6	5	11	17	19	36
4	4	8	2	...	2	3	4	7	12	9	21
20	25	45	5	9	14	11	13	24	54	67	121
28	25	53	14	12	26	31	20	51	126	85	211
4	6	10	...	2	2	1	...	1	7	8	15
1	2	3	...	2	2	2	...	2	11	9	20
2	7	9	2	4	6	10	2	12	16	16	32
7	8	15	10	6	16	26	33	59	83	78	161
2	1	3	...	4	4	6	12	18	45	43	88
1	...	1	...	...	...	4	...	4	6	1	7
28	20	48	29	28	57	62	46	108	227	175	402
8	2	10	7	14	21	19	14	33	53	49	102
13	12	25	16	11	27	15	14	29	67	52	119
1	1	2	...	1	1	1	2	3	5	5	10
7	11	18	7	12	19	10	12	22	32	46	78
7	8	15	9	8	17	20	9	29	48	31	79

No.	Districts and Towns.	One and under five years.		Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	24	25	26	27	28	29	30	31
	B—TOWNS <i>—contd.</i>								
	<i>Poona District</i> <i>—contd.</i>								
87	Jejuri ...	6	2	1	2	1	2	...	1
88	Saswad ...	3	4	1	...	...	1	1	4
89	Sirur ...	6	3	1	...	1	1	3	2
90	Talegaon-Dabhade.	6	2	...	1	4	...	...	...
	<i>Nasik District.</i>								
91	Nasik ...	203	207	59	46	39	36	41	71
92	Trimbak ...	11	10	5	3	1	3	1	2
93	Bhagur ...	25	21	2	2	1	1	3	4
94	Sinnar ...	11	7	7	3	...	1	7	6
95	Igatpuri ...	11	21	5	3	2	1	2	5
96	Manmad ...	23	21	6	5	1	4	10	5
97	Nandgaon ...	18	16	4	5	1	2	4	6
98	Yeola ...	49	62	12	10	4	5	11	15
99	Malegaon ...	154	158	20	18	13	15	16	25
100	Deolali Cantonment.	13	6	5	3	1	...	2	4
	<i>Thana District.</i>								
101	Bassein ...	19	6	3	...	...	...	4	2
102	Bhiwandi ...	18	21	6	2	1	3	2	4
103	Thana ...	53	56	8	22	12	8	20	21
104	Kalyan ...	35	43	13	10	6	8	7	14
105	Palghar ...	7	5	2	3	3	1	1	...
	<i>Bombay Suburban District.</i>								
106	Bandra ...	185	192	17	17	12	10	25	23
107	Kurla ...	46	85	9	23	3	3	8	17
108	Chatkopar Kiroli.	40	43	5	5	7	4	9	10
109	Juhu ...	5	3	...	1	...	...	2	2
110	Malad ...	46	43	8	10	5	9	9	13
111	Vile Parle and Andheri.	32	36	5	4	10	7	18	14

No. IV—*contd.*

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages.)		No.
Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	
32	33	34	35	36	37	38	39	40	41	42	43	1
2	3	...	1	3	1	3	4	8	4	27	21	87
4	5	5	4	5	1	4	2	22	13	51	37	88
1	5	2	2	2	3	6	2	15	14	46	35	89
3	1	...	2	3	2	2	3	7	5	32	22	90
102	102	60	91	75	49	89	73	155	157	1,026	978	91
5	4	7	3	6	5	4	2	5	7	61	51	92
8	2	4	6	4	6	8	3	15	15	76	70	93
9	14	7	6	11	6	15	10	19	23	95	82	94
5	12	4	10	8	3	6	9	9	14	61	85	95
13	15	12	9	18	11	16	5	26	18	142	112	96
4	6	5	4	9	5	4	6	9	5	70	64	97
11	30	7	14	14	11	14	13	38	25	214	252	98
28	33	30	30	28	18	25	35	62	63	502	480	99
10	5	5	1	5	1	7	...	9	4	64	82	100
3	4	5	12	9	5	15	2	34	23	103	63	101
1	4	5	5	9	3	10	3	17	17	65	78	102
45	49	41	37	44	21	30	14	60	49	396	355	103
11	16	32	19	31	6	36	13	74	43	290	215	104
2	4	3	2	1	...	3	1	6	4	34	21	105
40	66	67	48	60	40	87	51	244	231	964	853	106
23	31	26	15	22	12	30	14	57	67	277	315	107
19	21	14	11	19	13	13	19	56	55	249	233	108
3	1	1	6	2	1	3	3	5	5	26	27	109
21	21	8	9	21	12	22	17	56	38	228	218	110
26	20	24	14	20	15	29	19	78	55	290	215	111

No.	Districts and Towns.	Under one								
		Not exceeding one month.								
		Male.				Female.				Total.
		Within 24 hours.	Under one week.	Over one week.	Total.	Within 24 hours.	Under one week.	Over one week.	Total.	
1	2	3	4	5	6	7	8	9	10	11
	B—TOWNS —contd.									
	Kolaba District.									
112	Alibag ...	3	7	3	13	1	...	1	2	15
113	Pen ...	...	...	...	...	...	...	1	1	1
114	Roha ...	...	1	...	1	...	2	1	3	4
115	Mahad ...	1	3	1	5	...	...	...	...	5
116	Panwel ...	1	1	2	4	1	6	2	9	13
117	Uran ...	2	3	1	6	1	1	...	2	8
118	Matheran ...	...	1	...	1	...	1	...	1	2
	Ratnagiri District.									
119	Ratnagiri ...	2	4	5	11	...	...	...	2	13
120	Vengurla ...	2	5	2	9	...	4	2	6	15
121	Malwan ...	1	7	5	13	1	2	1	4	17
122	Chiplun ...	...	5	3	8	...	1	1	2	10
123	Rajapur ...	...	3	...	3	...	1	1	2	5
	Belgaum District.									
124	Belgaum ...	4	16	16	36	...	8	2	10	46
125	Gokak ...	1	9	2	12	...	3	3	6	18
126	Athani ...	...	6	3	9	...	...	1	1	10
127	Nipani ...	...	21	9	30	1	13	10	24	54
128	Bail Hongal ...	...	9	6	15	...	4	2	6	21
129	Chikodi ...	...	11	8	19	...	8	5	13	32
130	Khanapur ...	...	2	2	4	...	...	...	...	4
131	Saundatti Yella- mma.	...	...	2	2	...	3	...	3	5
132	Belgaum Canton- ment.	...	1	1	2	...	1	1	2	4
	Dharwar District.									
133	Dharwar ...	3	14	10	27	...	15	11	26	53
134	Hubli ...	6	46	17	69	9	22	6	37	106
135	Gadag-Betigeri ...	1	36	40	77	6	34	29	69	146
136	Ranebennur ...	1	4	3	8	...	...	3	3	11
137	Nawalgund ...	4	5	1	10	1	2	...	3	13

No. IV—contd.

year.											
Above one month and below three months.			Above three months and below six months.			Above six months and below twelve months.			Total.		
Male.	Fe-male.	Total.	Male.	Fe-male.	Total.	Male.	Fe-male.	Total.	Male.	Fe-male.	Total.
10	11	12	13	14	15	16	17	18	19	20	21
...	2	2	1	1	2	3	5	8	17	10	27
...	1	1	...	1	1	1	1	2	1	4	5
...	2	2	1	...	1	2	2	4	4	7	11
3	...	3	3	2	5	2	2	4	13	4	17
5	5	10	...	4	4	3	5	8	12	23	35
3	2	5	2	4	6	1	2	3	12	10	22
2	...	2	2	1	3	3	4	7	8	6	14
...	...	...	6	5	11	8	4	12	25	11	36
1	2	3	3	1	4	5	1	6	18	10	28
6	1	7	2	3	5	3	5	8	24	13	27
1	2	3	2	1	3	4	1	5	15	6	21
2	1	3	2	1	3	3	1	4	10	5	15
11	7	18	28	35	63	27	24	51	102	76	178
4	1	5	4	9	13	6	1	7	26	17	43
...	...	...	13	8	21	5	3	8	27	12	39
2	1	3	17	7	24	12	4	16	61	36	97
1	1	2	10	4	14	6	4	10	32	15	47
2	3	5	13	7	20	4	2	6	38	25	63
...	1	1	5	3	8	...	...	...	9	4	13
2	...	2	2	8	5	3	4	7	9	10	19
...	...	...	2	3	5	4	3	7	8	8	16
...	...	...	26	19	45	20	16	36	73	61	134
...	...	...	30	15	45	18	19	37	117	71	188
...	...	...	44	46	90	41	53	94	162	163	330
...	...	...	10	9	19	8	8	16	26	20	46
...	...	...	5	5	10	2	...	2	17	8	25

No.	Districts and Towns.	One and under five years.		Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female.	Male	Female.	Male.	Female.	Male.	Female.
1	2	22	23	24	25	26	27	28	29
	B—TOWNS —contd.								
	<i>Kolaba District.</i>								
112	Alibag ...	5	7	2	...	6	4	...	2
113	Pen ...	3	7	2	3	1	...	2	1
114	Roha ...	8	5	2	1	1	1	5	3
115	Mahad ...	18	11	3	1	4	3	4	6
116	Panwel ...	16	24	5	9	5	10	10	10
117	Uran ...	6	6	3	4	3	5	2	2
118	Math ran ...	1	6	...	1	2	...	1	1
	<i>Ratnagiri District.</i>								
119	Ratnagiri ...	35	25	9	7	8	6	12	18
120	Vengurla ...	14	9	2	...	3	...	4	7
121	Malwan ...	14	18	3	10	2	1	3	2
122	Chiplun ...	18	25	3	2	3	5	4	4
123	Rajapur ...	10	11	1	3	1	3	2	6
	<i>Belgaum District.</i>								
124	Belgaum ...	124	161	25	35	23	12	19	25
125	Gokak ...	23	27	2	4	2	5	1	4
126	Athani ...	15	21	3	3	1	3	2	4
127	Nipani ...	36	44	1	2	4	2	2	5
128	Bail Hongal ...	23	24	2	5	5	2	2	7
129	Chikodi ...	20	28	5	9	5	5	4	5
130	Khanapur ...	5	3	5	4	2	1	1	1
131	Saundatti Yellamma.	13	14	5	2	2	2	3	1
132	Belgaum Cantonment.	5	4	2	...	...	1	1	2
	<i>Dharwar District.</i>								
133	Dharwar ...	83	61	19	24	19	21	19	23
134	Hubli ...	138	112	20	18	24	21	30	40
135	Gadag-Betigeri ...	133	146	33	36	25	18	27	31
136	Ranebennur ...	39	36	7	8	2	7	5	10
137	Nawalgund ...	24	14	5	11	3	2	1	6

No. IV—contd.

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages).		No.
Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	
30	31	32	33	34	35	36	37	38	39	40	41	1
6	5	5	5	3	...	6	4	18	11	68	48	112
6	3	4	4	4	5	7	8	10	10	40	45	113
6	5	1	2	4	3	4	7	18	8	52	43	114
3	13	7	6	5	2	8	2	18	20	83	67	115
15	7	10	8	12	12	16	4	28	21	128	129	116
6	5	5	3	3	7	8	4	9	9	60	53	117
3	2	3	1	2	2	3	2	9	7	37	29	118
16	27	19	18	24	15	31	18	66	54	245	199	119
12	8	4	3	12	4	16	10	37	29	122	80	120
10	13	15	4	22	9	26	20	42	28	161	118	121
8	15	10	7	8	13	12	13	30	30	111	120	122
8	7	6	5	6	4	7	11	15	16	66	71	123
82	108	52	54	60	29	84	34	88	94	559	628	124
14	27	7	13	6	7	19	11	31	37	131	152	125
12	13	6	11	20	6	25	9	36	36	147	118	126
17	29	11	9	14	11	18	10	50	35	214	183	127
11	8	7	6	5	3	21	7	16	16	124	93	128
12	18	13	7	5	2	10	6	20	25	132	130	129
5	7	3	2	3	1	5	...	9	3	47	26	130
13	6	7	4	6	4	6	6	8	20	72	69	131
5	4	1	1	3	3	8	1	11	9	44	33	132
39	36	42	29	42	22	38	35	122	96	496	409	133
66	92	52	39	31	44	69	38	163	133	760	614	134
54	64	52	45	62	21	67	43	121	126	736	698	135
13	9	14	6	13	12	17	4	42	30	178	142	136
3	9	6	8	4	4	7	7	27	29	97	98	137

No.	Districts and Towns.	Under one month.									Total.
		Not exceeding one month.									
		Male.				Female.					
		Within 24 hours.	Under one week.	Over one week.	Total.	Within 24 hours.	Under one week.	Over one week.	Total.		
1	2	3	4	5	6	7	8	9	10	11	
	B—TOWNS —contd.										
	Dharwar District —contd.										
138	Annigeri ...	...	5	7	12	1	9	5	15	27	
139	Bankapur ...	1	4	6	11	...	3	3	6	17	
140	Byadgi ...	...	7	6	13	...	3	3	6	19	
141	Hangal ...	...	1	3	4	...	2	3	5	9	
142	Haveri ...	...	4	4	8	...	2	5	7	15	
143	Nargund ...	...	3	2	5	...	2	4	6	11	
144	Ron ...	...	7	9	16	...	4	4	8	24	
145	Shiggaon ...	...	2	4	6	...	3	...	3	9	
146	Tuminkatti ...	...	5	2	7	1	1	2	4	11	
	Bijapur District.										
147	Bijapur ...	3	14	14	31	...	12	10	22	53	
148	Bagalkot ...	1	6	8	15	...	4	9	13	28	
149	Guledgud ...	...	7	5	12	...	6	12	18	30	
150	Ilkal ...	...	6	4	10	...	...	1	1	11	
151	Bilgi ...	...	1	2	3	...	3	2	5	8	
152	Hungund ...	...	1	1	2	..	3	3	6	8	
153	Kerur ...	...	...	4	4	...	1	4	5	9	
154	Talikot ...	...	7	5	12	...	7	4	11	23	
	Kanara District.										
155	Karwar ...	...	...	2	2	...	2	2	4	6	
156	Kumta ...	...	5	2	7	...	5	...	5	12	
157	Gokarn ...	...	...	...	...	...	...	...	...	...	
158	Honawar ...	...	...	...	...	...	1	2	3	3	
159	Bhatkal ...	...	3	2	5	...	1	3	4	9	
160	Halyal ...	...	1	1	2	...	1	...	1	3	
161	Sirsi ...	...	6	10	16	...	10	7	17	33	

No. IV—contd.

year.

Above one month and below three months.			Above three months and below six months.			Above six months and below twelve months.			Total.		
Male.	Fe- male.	Total.	Male.	Fe- male.	Total.	Male.	Fe- male.	Total.	Male.	Fe- male.	Total.
12	13	14	15	16	17	18	19	20	21	22	23
...	...	...	14	3	17	9	8	17	35	26	61
...	...	...	3	2	5	2	1	3	16	9	25
...	...	...	7	3	10	9	9	18	29	18	47
...	...	...	4	1	5	...	...	...	8	6	14
...	...	...	...	8	8	4	3	7	12	18	30
...	...	...	7	3	10	7	7	14	19	16	35
...	...	...	7	10	17	7	2	9	30	20	50
...	...	...	2	5	7	4	1	5	12	9	21
...	...	...	4	1	5	1	3	4	12	8	20
1	4	5	21	22	43	18	13	31	71	61	132
2	1	3	14	17	31	15	20	35	46	51	97
3	2	5	15	17	32	9	10	19	39	47	86
1	1	2	19	24	43	20	16	36	50	42	92
2	...	2	3	5	8	2	1	3	10	11	21
...	...	...	4	3	7	2	3	5	8	12	20
1	4	5	4	5	9	4	...	4	13	14	27
1	1	2	13	5	18	3	4	7	29	21	50
...	1	1	2	3	5	...	1	1	4	9	13
...	...	...	...	1	1	1	1	2	8	7	15
...	...	...	1	...	1	..	...	...	1	...	1
...	...	...	...	3	3	1	...	1	1	6	7
...	...	...	5	4	9	1	...	1	11	8	19
1	...	1	1	...	1	1	...	1	5	1	6
3	...	3	11	8	19	4	4	8	34	29	63

No.	Districts and Towns.	One and under five years.		Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female	Male.	Female.	Male.	Female.	Male.	Female.
1	2	24	25	26	27	28	29	30	31
	B-TOWNS —contd.								
	<i>Dharwar District</i> —contd.								
133	Annigeri ...	29	22	3	3	4	2	5	7
139	Bankapur ...	23	11	1	...	1	1	1	3
140	Byadgi ...	19	19	4	3	5	6	5	9
141	Hangal ...	4	6	3	2	2	3	2	4
142	Haveri ...	20	19	6	3	2	3	2	4
143	Nargund ...	24	23	4	3	1	2	1	2
144	Ron ...	14	19	2	2	2	...	2	5
145	Shiggaon ...	7	6	1	1	1	3	1	2
146	Tuminkatti ...	9	11	2	1	...	4	3	1
	<i>Bijapur District.</i>								
147	Bijapur ...	61	75	28	23	16	18	19	25
148	Bagalkot ...	57	47	18	13	3	4	9	7
149	Guledgud ...	56	55	8	8	9	4	4	4
150	Ilkal ...	76	112	6	10	2	5	5	8
151	Bilgi ...	16	11	1	2	...	...	2	1
152	Hungund ...	17	20	5	3	1	...	4	2
153	Kerur ...	20	19	8	4	1	4	4	6
154	Talikot ...	26	30	9	8	...	3	...	6
	<i>Kanara District.</i>								
155	Karwar ...	12	8	2	3	4	...	7	8
156	Kumta ...	10	7	2	4	2	1	3	5
157	Gokarn ...	3	1	2	1	...	3	...	...
158	Honawar ...	7	2	1	...	...	1	2	2
159	Bhatkal ...	15	12	5	5	2	1	3	3
160	Halyal ...	5	2	...	...	3	...	2	...
161	Sirsi ...	11	9	4	5	5	2	...	2

No. IV—contd.

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages).		No.
Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	
32	33	34	35	36	37	38	39	40	41	42	43	1
6	2	5	8	8	1	13	6	21	20	129	97	133
3	6	2	2	7	1	3	6	21	10	78	49	139
4	6	7	8	5	4	13	5	18	17	109	95	140
3	6	7	2	5	2	14	5	25	12	73	48	141
3	9	8	4	18	10	16	4	18	15	105	89	142
11	4	8	7	10	5	9	4	19	32	106	98	143
2	5	10	4	10	5	10	6	23	13	105	79	144
2	6	5	1	3	...	4	...	12	7	48	35	145
1	5	1	...	4	3	6	4	8	3	46	40	146
28	63	58	44	49	32	58	28	18	104	496	473	147
21	17	15	14	21	12	16	12	54	48	260	225	148
6	14	7	13	18	10	21	10	30	40	198	205	149
11	16	14	12	15	10	18	7	35	35	232	257	150
2	2	3	3	1	2	8	2	13	11	56	45	151
3	4	5	5	6	1	12	8	17	15	77	70	152
7	11	9	4	23	7	19	15	21	16	125	100	153
6	13	2	4	5	3	12	5	20	16	109	109	154
11	10	11	13	15	5	18	9	25	18	109	83	155
9	5	6	6	19	4	10	3	20	16	89	53	156
2	6	...	5	2	3	5	5	14	9	29	33	157
8	7	6	7	3	4	5	2	18	13	51	44	158
7	7	4	11	5	7	8	8	22	17	82	79	159
5	4	3	5	3	1	5	3	10	2	41	18	160
9	11	8	10	8	5	10	5	25	23	114	101	161

No.	Districts and Towns.	Under one								
		Not exceeding one month.								Total.
		Male.				Female.				
		Within 24 hours.	Under one week.	Over one week.	Total.	Within 24 hours.	Under one week.	Over one week.	Total.	
1	2	3	4	5	6	7	8	9	10	11
	B—TOWNS —concl'd.									
	Sholapur District.									
162	Sholapur ...	7	220	205	432	10	170	149	329	761
163	Barsi ...	...	24	34	58	...	22	36	58	116
164	Pandharpur ...	...	56	60	116	...	40	57	97	213
165	Karkamb ...	...	4	3	7	...	1	2	3	10
166	Karmala ...	...	5	2	7	...	...	3	3	10
167	Kurduwadi ...	...	7	3	10	...	5	7	12	22
168	Mohol ...	...	7	...	7	...	4	1	5	12
169	Sangola ...	...	10	2	12	...	7	7	14	26
170	Vairag ...	...	2	2	4	...	...	2	2	6
	Satara District.									
171	Satara ...	4	17	11	32	1	11	9	21	53
172	Wai ...	1	5	5	11	...	4	3	7	18
173	Karad ...	...	2	2	4	...	3	2	5	9
174	Ashta ...	...	...	...	...	...	...	1	1	1
175	Islampur ...	...	2	...	2	...	...	1	1	3
176	Mahableshwar ...	...	2	1	3	1	3	...	4	7
177	Mhaswad ...	...	4	2	6	...	2	3	5	11
178	Panchgani ...	...	2	2	4	...	...	...	...	4
179	Rahimatpur ...	...	2	3	5	...	1	2	3	8
180	Tasgaon ...	2	8	5	15	1	3	7	11	26
181	Vita ...	...	2	1	3	...	2	1	3	6
	Total for Towns...	1,155	2,986	2,690	6,831	868	21,75	2,205	5,248	12,079
	Ratio per mille†...									
	Total for the Province.		14,063	9,530	23,593		10,781	8,037	18,818	42,411
	* Ratio per mille of population.	† Population being not available ratios cannot be worked out.								

* To be calculated on births.

No. IV—concl'd.

year.

Above one month and below three months.			Above three months and below six months.			Above six months and below twelve months.			Total.		
Male.	Fe-male.	Total.	Male.	Fe-male.	Total.	Male.	Fe-male.	Total.	Male.	Fe-male.	Total.
12	13	14	15	16	17	18	19	20	21	22	23
216	209	425	256	241	497	272	264	536	1,176	1,043	2,219
27	21	48	39	40	79	54	40	94	178	159	337
64	53	117	41	55	96	51	44	95	272	249	521
3	2	5	2	1	3	11	...	11	23	6	29
1	...	1	10	...	10	7	5	12	25	8	33
5	3	8	7	7	14	5	7	12	27	29	56
1	1	2	4	3	7	...	4	4	12	13	25
2	4	6	5	2	7	10	8	18	29	28	57
1	...	1	4	2	6	6	4	10	15	8	23
26	11	37	11	13	24	8	13	21	77	58	135
3	2	5	5	6	11	4	9	13	23	24	47
4	2	6	6	2	8	5	5	10	19	14	33
1	...	1	2	2	4	3	1	4	6	4	10
...	1	1	...	1	1	...	...	...	2	3	5
2	...	2	3	2	5	2	2	4	10	8	18
4	3	7	4	2	6	5	2	7	19	12	31
...	...	...	1	...	1	...	...	...	5	...	5
1	1	2	8	7	15	3	1	4	17	12	29
3	2	5	4	1	5	1	1	2	23	15	38
2	1	3	4	4	8	5	4	9	14	12	26
2,636	2,307	4,943	2,804	2,644	5,448	4,406	4,482	8,888	16,677	14,681	31,358
									156.41	149.66	153.27
...	...	...	21,643	18,767	40,410	12,793	12,463	25,256	68,029	50,048	108,077
									146.70	135.68*	141.38

No. IV—concl'd.

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages).		No.
Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	
32	33	34	35	36	37	38	39	40	41	42	43	44
199	311	210	252	198	160	189	146	546	541	4,517	4,641	162
46	40	38	54	29	24	49	25	117	113	726	695	163
42	42	48	40	44	39	48	44	132	114	821	782	164
3	8	7	11	3	2	9	4	15	18	87	82	165
6	6	4	7	6	3	8	9	29	28	121	103	166
4	5	8	9	6	6	8	6	25	23	118	121	167
3	4	7	1	4	3	2	2	16	16	55	56	168
2	5	5	2	6	2	10	8	17	11	85	79	169
4	5	7	5	3	7	4	4	16	16	68	76	170
30	44	27	34	30	27	24	21	102	106	397	413	171
15	17	10	17	16	10	8	7	41	32	171	160	172
8	6	8	10	5	4	10	5	37	31	112	92	173
5	7	4	10	5	3	8	...	22	12	73	58	174
4	6	3	1	2	1	7	2	24	13	53	30	175
5	3	5	4	5	3	3	2	7	5	39	37	176
4	4	9	10	3	6	4	3	18	19	72	68	177
2	2	3	2	3	1	2	...	3	6	24	16	178
5	5	5	6	3	4	5	4	17	19	77	76	179
2	10	8	7	1	4	10	6	24	28	92	94	180
5	6	5	7	5	2	8	5	24	14	82	79	181
5,170	5,999	5,123	4,425	5,420	3,070	6,154	3,419	11,818	10,521	69,987	63,148	
15,395	19,061	16,741	15,748	17,735	12,324	21,103	14,634	45,979	43,542	255,599	238,982	
										21,50	21,60	

ANNUAL FORM No. V.—DEATHS registered according
Province during

1	2				
No.	Districts.	MID-YEAR ESTIMATED			
		Mahomedans.		Hindus.	
		Male.	Female.	Male.	Female.
1	Bombay City <i>Northern Registration District.</i>	197,118	93,935	739,821	443,809
2	East Khandesh	84,663	80,124	655,834	636,209
3	West Khandesh	27,712	26,043	483,123	469,308
4	Surat	43,447	41,353	434,408	433,826
5	Broach	56,052	53,108	167,311	157,433
6	Panch Mahals	26,142	24,864	269,907	254,616
7	Kaira	53,293	48,772	472,555	425,311
8	Ahmedabad <i>Central Registration District.</i>	114,096	87,484	694,521	580,951
9	Ahmednagar	33,347	33,521	567,693	546,082
10	Poona	47,759	35,580	682,921	679,756
11	Nasik	41,068	35,866	1,115,357	539,240
12	Thana	25,895	21,289	464,752	445,011
13	Bombay Suburban	21,488	13,737	124,430	91,598
14	Kolaba	17,809	17,651	330,995	332,868
15	Ratnagiri <i>Southern Registration District.</i>	41,282	54,362	621,172	731,069
16	Belgaum	63,135	59,490	587,592	553,509
17	Dharwar	100,794	93,475	540,241	514,377
18	Bijapur	69,123	66,087	467,139	447,329
19	Kanara	18,856	19,144	201,526	195,219
20	Sholapur	51,061	49,270	514,546	484,620
21	Satara	27,507	27,084	663,788	689,387
	Total for the Province ...	1,161,647	982,244	10,249,632	9,651,528

N.B.—“Christians” include Europeans and Anglo-Indians. “Hindus” include Hindus of all

to CLASSES and SEX in the DISTRICTS of the BOMBAY
the year 1948.

3

POPULATION FOR 1948.

Jains.		Christians.		Parsis.		Other Classes.		Total.		
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Total.
24,580	13,063	69,876	45,151	35,274	39,549	18,835	9,772	1,085,504	845,279	1,730,783
6,184	5,295	1,566	1,390	176	159	111	76	748,534	723,253	1,471,787
3,328	2,751	1,384	1,243	89	62	63	28	515,699	499,435	1,015,134
6,714	6,179	1,851	1,695	4,909	5,649	103	70	491,432	488,757	980,179
1,890	1,671	4,633	4,254	1,058	1,268	169	112	228,319	215,118	443,437
1,107	11,066							299,950	283,274	583,224
3,518	3,652	17,361	17,285	45	31	114	110	546,886	495,161	1,042,047
29,311	25,941	7,283	5,913	1,144	983	1,091	669	847,446	701,943	1,549,389
8,436	7,319	32,123	31,321	85	74	194	96	641,878	618,413	1,260,291
8,942	6,871	17,710	13,549	1,881	1,911	4,952	1,889	764,165	739,556	1,503,721
4,272	4,226	4,905	3,874	529	307	295	134	616,426	583,647	1,200,073
1,589	908	20,365	19,539	1,136	1,345	401	385	514,138	488,477	1,002,615
4,482	3,477	21,896	20,450	1,984	2,177	1,138	873	175,318	132,312	307,630
806	345	556	453	122	111	825	901	351,113	352,329	703,442
860	757	3,585	4,572	6	5	89	85	666,994	790,850	1,457,844
29,720	27,644	5,058	5,272	47	41	1,662	1,343	687,214	647,299	1,334,513
5,702	4,946	6,153	5,843	102	76	777	639	653,769	619,356	1,273,125
1,594	1,502	735	660	5	4	53	42	538,649	515,624	1,054,273
1,490	1,366	10,159	10,388	6	2	51	42	232,088	226,161	458,249
5,927	5,300	1,744	1,720	209	186	364	299	573,851	541,395	1,115,246
9,953	9,090	3,631	3,342	235	264	444	713	705,558	729,880	1,435,438
160,405	133,369	232,574	197,896	48,942	54,204	31,731	18,278	11,884,931	11,037,519	22,922,450

castes. "Other classes" include Buddhists, sikhs, Jews and all others.

1	2								
No.	Districts:			Mahomedans.		Hindus.		Jains.	
				Male.	Female.	Male.	Female.	Male.	Female.
1	Bombay City	...	...	3,668	2,576	15,098	12,516	348	235
	<i>Northern Registration District.</i>								
2	East Khandesh	...	...	1,034	1,042	19,454	19,643	36	31
3	West Khandesh	...	...	380	369	14,781	14,521	8	10
4	Surat	...	...	767	720	8,019	7,222	66	73
5	Broach	...	...	899	842	3,932	3,572	12	6
6	Panch Mahals	...	...	179	192	5,544	5,393	10	9
7	Kaira	...	...	968	860	9,688	8,716	18	24
8	Ahmedabad	...	...	1,725	1,676	14,021	13,265	386	347
	<i>Central Registration District.</i>								
9	Ahmednagar	...	...	584	572	13,422	12,422	21	17
10	Poona	...	...	57	50	14,087	12,948	...	...
11	Nasik	...	...	658	592	5,481	4,730	...	...
12	Thana	...	...	236	207	6,770	6,218	4	1
13	Bombay Suburban	...	...	141	153	2,004	1,793	29	24
14	Kolaba	...	...	258	210	7,684	7,103	...	...
15	Ratnagiri	...	...	659	667	13,643	13,284	1	6
	<i>Southern Registration District.</i>								
16	Belgaum	...	...	1,018	896	11,757	11,464	471	463
17	Dharwar	...	...	1,508	1,341	11,601	10,294	85	84
18	Bijapur	...	...	1,519	1,463	12,584	17,959	30	20
19	Kanara	...	...	176	166	3,587	3,260	11	7
20	Sholapur	...	...	1,235	1,313	16,230	15,504	66	50
21	Satara	...	...	351	284	14,120	13,633	120	104
	Total for the Province			18,020	16,191	232,513	218,460	1,722	1,511

No. V—contd.

4

NUMBER OF DEATHS REGISTERED.

Christians.		Parsis.		Other Classes.		Total.		
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Total.
1,257	988	428	418	130	103	20,929	16,836	37,765
6	4	2	...	5	1	20,537	20,721	41,258
3	3	...	...	...	...	15,172	14,903	30,075
15	16	47	58	...	1	8,914	8,090	17,004
7	7	11	13	...	...	4,861	4,440	9,301
8	13	3	...	1	...	5,745	5,607	11,352
384	303	...	...	...	...	11,058	9,903	20,961
117	108	11	12	...	...	16,260	15,408	31,668
143	130	3	...	...	...	14,180	13,141	27,321
5	7	2	1	3	7	14,154	13,013	27,167
15	6	2	...	...	1	15,156	14,329	29,485
195	149	5	...	2	1	7,212	6,576	13,788
219	181	6	10	16	8	2,415	2,169	4,584
6	3	...	...	...	...	7,948	7,316	15,264
29	23	...	...	...	...	14,332	13,980	28,312
51	38	...	...	...	1	13,297	12,862	26,159
44	33	...	...	1	4	13,239	11,756	24,995
8	14	...	...	...	...	14,141	13,456	27,597
122	121	...	...	1	...	3,897	3,554	7,451
29	29	...	...	...	...	17,560	16,896	34,456
...	5	1	...	...	...	14,592	14,026	28,618
2,664	2,181	521	512	159	127	255,599	238,982	494,581

1	2						
No.	Districts.	RATIO OF DEATHS					
		Mahomedans.		Hindus.		Jains.	
		Male.	Female.	Male.	Female.	Male.	Female.
1	Bombay City	18·61	27·42	23·41	28·20	14·16	17·99
	<i>Northern Registration District.</i>						
2	East Khandesh	12·21	13·00	2·96	30·87	5·82	5·85
3	West Khandesh	13·71	14·17	30·59	30·94	2·40	3·63
4	Surat	17·65	17·41	18·43	16·65	9·83	11·81
5	Broach	16·04	15·09	23·50	22·69	6·35	3·59
6	Panch Mahals	6·85	7·72	20·54	21·18	9·03	8·44
7	Kaira	18·16	17·63	20·50	20·49	5·12	6·57
8	Ahmedabad	15·12	19·16	20·19	22·83	13·17	13·33
	<i>Central Registration District.</i>						
9	Ahmednagar	17·51	17·06	23·65	22·71	2·49	2·82
10	Poona	1·19	1·12	20·63	19·05	...	...
11	Nasik	16·02	16·51	4·91	8·77	...	...
12	Thana	9·11	9·72	14·5	13·97	2·52	1·10
13	Bombay Suburban	6·56	11·13	16·10	19·57	6·47	8·90
14	Kolaba	14·49	11·89	23·21	21·34	...	...
15	Ratnagiri	15·96	12·27	21·96	18·17	1·16	7·92
	<i>Southern Registration District.</i>						
16	Belgaum	16·12	15·06	20·00	20·71	15·84	16·75
17	Dharwar	14·96	14·35	21·47	20·01	14·91	16·98
18	Bijapur	21·98	22·14	26·94	26·73	18·82	13·32
19	Kanara	9·34	8·62	17·79	16·69	7·38	5·12
20	Sholapur	24·18	26·65	31·54	31·99	11·14	9·43
21	Satara	12·76	10·49	21·27	19·77	12·06	11·44
	Total for the Province ...	15·51	16·48	22·63	22·63	10·73	11·33

o. V—concl'd.

5

R 1,000 OF MID-YEAR ESTIMATED POPULATION.

Christians.		Parsis.		Other Classes.		Total.		
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Total.
17·99	21·88	12·13	10·57	6·90	10·54	19·28	26·09	21·82
3·83	2·87	11·36	·00	45·05	13·16	27·45	28·65	27·99
2·17	2·41	...	...	...	...	29·42	29·83	29·62
8·10	9·55	9·56	10·27	·00	14·28	18·13	16·55	17·34
3·24	4·70	13·23	10·25	5·92	·00	21·29	20·63	20·97
22·12	17·53	·00	·00	·00	·00	19·15	17·79	19·46
16·06	18·26	9·61	12·21	...	...	20·22	20·00	20·11
						19·14	21·67	20·44
4·45	4·15	35·29	...	...	...	22·09	21·26	21·68
·29	·52	1·07	·52	·01	3·71	18·52	17·59	18·07
3·26	1·55	3·78	...	...	7·46	24·59	24·55	24·57
9·58	7·63	4·4	...	4·99	2·60	14·03	13·46	13·75
10·00	8·24	3·18	4·59	14·06	9·15	13·77	16·39	14·90
10·79	6·62	...	...	...	...	22·64	20·78	21·69
8·08	5·03	...	...	...	...	21·48	17·67	19·57
10·07	7·21	...	...	...	0·74	19·34	19·87	19·60
7·15	5·99	...	...	1·29	6·24	20·25	18·98	19·63
10·88	21·21	...	...	...	...	26·25	26·10	26·18
12·00	11·64	...	...	19·61	...	16·79	15·71	16·26
16·62	16·86	...	...	...	...	30·60	30·21	30·89
...	1·49	4·25	...	...	...	20·68	19·21	19·93
11·45	11·02	10·60	9·44	5·01	6·95	21·50	21·60	21·57

ANNUAL FORM—No. VI.—DEATHS *registered from*
BOMBAY PROVINCE
(*Details regarding Births*)

1	2				3	4			
No.	Districts and Towns.				Mid-year estimated Population for 1948.	Births.			
						Male.	Female.	Total.	Birth- rate.
A--DISTRICTS (EXCLUDING TOWNS).									
Northern Registration District.									
1	East Khándesh	...	...	...	1,066,989	18,047	17,110	35,157	32·90
2	West Khándesh	...	...	...	866,621	17,485	16,610	34,095	39·34
3	Surat	...	...	...	737,334	12,449	11,934	24,383	33·07
4	Broach	...	...	...	325,210	5,986	5,596	11,582	35·61
5	Káira	...	...	...	863,678	15,516	13,428	28,944	33·52
6	Panch Maháls	...	...	...	500,374	8,007	7,448	15,455	30·88
7	Ahmedabad	...	...	...	720,654	11,376	10,333	21,709	28·73
Central Registration District.									
8	Ahmednagar	...	...	...	1,127,294	19,685	18,501	38,186	33·88
9	Poona	...	...	...	1,068,106	15,020	13,419	28,439	26·66
10	Násik	...	...	...	1,013,161	19,154	18,205	37,359	36·88
11	Thána	...	...	...	891,538	10,058	9,397	19,455	21·88
12	Bombay Suburban	...	...	...	70,240	669	661	1,330	18·99
13	Kolába	...	...	...	699,391	9,087	8,409	17,496	27·00
14	Ratnágiri	...	...	...	1,386,707	19,341	17,875	37,216	26·88
Southern Registration District.									
15	Belgáum	...	...	...	1,161,872	21,390	20,464	41,854	36·00
16	Dhárwár	...	...	...	940,709	19,465	19,070	38,535	40·34
17	Bijápur	...	...	...	898,673	18,762	17,956	36,718	40·88
18	Kánara	...	...	...	378,730	6,778	6,667	13,445	35·55
19	Sholápur	...	...	...	742,551	16,920	15,862	32,782	44·11
20	Sátára	...	...	...	1,233,683	23,840	21,949	45,789	35·60
Total of Districts ...					16,695,348	288,935	270,894	559,829	33·41

different causes in the DISTRICTS and TOWNS of the
during the year 1948.

Also shown in column 4.)

5	6	7	8	9	10	11	
Cholera.	Small- pox.	Plague.	Fevers.	Dysentery and Diarrhoea.	Respira- tory Diseases.	INJURIES.	
						Suicide.	
						Male.	Female.
1,283	132	32	16,779	902	4,640	...	3
410	48	281	12,674	653	3,751	...	...
43	21	...	5,272	64	1,831	12	16
.....	31	...	4,049	59	1,057	1	2
91	17	...	5,088	351	6,057	5	12
128	11	...	7,106	52	1,197	1	2
39	40	...	8,468	85	1,540	5	5
1,027	193	72	6,321	1,177	4,396	2	4
43	52	113	6,563	1,099	3,437	2	3
299	533	41	9,919	794	9,521	5	5
178	129	16	4,594	340	2,420	12	7
6	2	.....	194	6	271	...	...
204	37	73	6,652	517	2,720	3	2
3	72	10	8,674	196	8,003	...	1
87	426	27	6,823	1,825	3,442	28	21
31	102	.....	7,667	350	2,610	49	64
296	45	33	9,779	1,604	3,560	38	59
3	108	.....	1,799	304	719	15	17
705	269	26	7,133	544	3,104	29	70
39	328	257	9,294	1,317	1,470	33	85
4,915	2,596	981	144,848	12,239	65,746	240	378

1	2	11					12	13
No.	Districts and Towns.	INJURIES—contd.					All other causes.	Total deaths from all causes
		Wound- ing or Acci- dent.	Snake- bite.	Wild beast.	Rabies.	Total.		
A—DISTRICTS (EXCLUDING TOWNS).								
Northern Registration District.								
1	East Khandesh	112	18	...	...	133	9,006	32,907
2	West Khandesh	92	52	...	...	144	8,720	26,621
3	Surat	127	21	1	...	177	4,332	11,740
4	Broach	65	9	6	...	84	1,919	7,199
5	Kaira	110	32	5	5	169	5,018	16,791
6	Panch Mahals	82	34	1	...	120	1,819	10,439
7	Ahmedabad... ..	120	29	...	2	161	2,289	12,622
Central Registration District.								
8	Ahmednagar	239	46	...	...	291	11,510	24,987
9	Poona	195	44	...	...	244	6,289	17,840
10	Nasik	170	54	9	...	243	3,618	24,968
11	Thana	211	69	3	1	303	4,168	12,140
12	Bombay Suburban	21	2	...	...	23	186	688
13	Kolaba	92	11	7	...	115	4,064	14,388
14	Ratnagiri	179	20	1	...	201	9,860	27,015
Southern Registration District.								
15	Belgaum	285	40	...	5	379	10,148	23,155
16	Dharwar	165	42	1	15	336	8,242	19,333
17	Bijapur	203	43	...	12	355	8,888	24,568
18	Kanara	90	12	...	...	134	3,453	6,525
19	Sholapur	132	57	...	3	291	10,785	21,225
20	Satara	206	98	...	4	426	11,538	26,305
Total of Districts ...		2,897	733	34	47	4,329	125,792	361,445

RATIO OF DEATHS PER 1,000 OF POPULATION.

Cholera.	Small-pox.	Plague.	Feyers.	Dysentery and Diarrhoea.	Respiratory Diseases.	Injuries.	All other causes.	From all causes.	
								For the year.	Mean of previous five years.
1·20	·12	·02	15·71	·83	4·32	·12	8·52	30·84	31·63
·47	·05	·32	14·61	·75	4·35	·17	9·99	30·71	27·33
·06	·03	·00	7·15	·09	2·47	·24	5·88	15·92	22·26
...	·10	...	12·45	·19	3·25	·26	5·90	22·15	31·87
·11	·02	·00	5·89	·41	7·01	·19	5·81	19·44	26·11
·26	·02	...	14·19	·10	2·40	·24	3·63	20·84	20·84
·05	·06	·00	11·76	·12	2·13	·22	3·17	17·51	28·25
0·91	0·17	0·06	5·60	1·05	3·90	0·26	10·21	22·16	23·66
·04	·05	·11	6·14	1·03	3·22	·23	5·89	16·70	16·37
·30	·52	·04	9·79	·78	9·40	·24	3·57	24·64	22·66
·20	·14	·02	5·16	·38	2·73	·34	4·67	13·63	16·37
·03	·02	...	2·76	·08	3·85	·32	2·65	9·79	14·11
·31	·06	·11	10·26	·79	4·16	·18	6·03	22·20	22·55
·002	·95	...	6·26	·13	5·77	·14	7·08	19·48	19·87
·07	·37	·02	5·87	1·57	2·95	·33	8·73	19·93	24·81
·03	·11	..	8·15	·37	2·77	·36	8·76	20·56	28·13
·33	·05	·04	10·88	1·78	3·96	·40	9·89	27·33	26·12
·01	·29	...	4·75	·80	1·90	·35	9·12	17·22	25·53
·95	·36	·03	9·61	·73	1·97	·39	14·52	28·58	27·52
·03	·26	·20	7·24	1·02	2·42	·83	8·99	20·49	24·45
·29	·15	·06	8·67	·73	3·94	·26	7·53	21·64	24·85

1	2	3	4			
No.	Districts and Towns.	Mid-year estimated population for 1948.	Births.			
			Male.	Female.	Total.	Birth rate.
	B-TOWNS.					
1	Bombay City	1,730,783	27,959	26,670	54,629	31.56
	<i>East Khándesh District.</i>					
2	Jalgaon	62,556	946	849	1,795	28.69
3	Nasirabad	14,392	216	204	420	29.18
4	Asoda	8,338	157	147	304	36.45
5	Yawal	14,401	226	187	413	28.67
6	Faizpur	12,945	214	159	373	28.81
7	Erandol	17,187	309	277	586	34.09
8	Dharangaon	20,775	394	356	750	35.11
9	Kasoda	7,518	151	143	294	39.10
10	Amalner	42,053	516	416	932	22.16
11	Párola	17,320	320	309	639	36.31
12	Chálisgaon	26,375	514	440	954	36.16
13	Pachora	11,500	81	60	141	12.25
14	Nagardeola	7,305	144	130	274	37.50
15	Bhadgaon	9,217	206	167	373	40.46
16	Chopda	24,558	265	240	505	20.56
17	Adawad	6,453	82	67	149	23.08
18	Raver	11,115	208	183	391	35.17
19	Savada	12,018	196	128	324	26.95
20	Bhusáwal	42,522	653	557	1,210	28.45
21	Varangaon	7,656	166	148	364	40.75
22	Bodwad	8,400	111	95	206	24.51
23	Jamner	9,428	153	139	292	30.96
24	Shendurni	10,766	203	180	383	35.57
	<i>West Khandesh District.</i>					
25	Dhulia	65,222	900	709	1,609	24.66
26	Nandurbár	26,091	400	353	753	28.56
27	Sindkheda	7,491	145	140	285	38.04
28	Betawad	4,864	102	93	195	40.09

No. VI—*contd.*

5	6	7	8	9	10	11	
Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	INJURIES	
						Suicide.	
						Male.	Female.
1	161	11	2,077	1,467	12,083	13	...
...	1	...	357	43	143	...	...
2	...	...	186	10	54	...	...
29	...	...	109	9	48	...	...
11	...	...	129	16	36	...	...
...	...	...	121	1	51	...	1
14	...	7	175	22	40	...	...
8	...	...	221	62	91	...	...
...	...	...	169	...	40	...	...
17	...	1	306	37	105	...	...
10	...	...	238	17	74	...	...
17	2	...	377	41	72	...	...
8	...	...	65	9	21	...	...
3	...	5	118	4	41	...	...
6	...	...	160	...	56	...	...
7	...	...	125	27	63	...	...
...	...	...	60	...	39	...	...
1	...	...	75	30	24	...	...
2	...	...	34	7	66	...	...
14	1	...	314	36	129	...	...
42	...	...	168	1	34	...	...
3	...	...	75	12	37	...	...
13	...	...	116	6	46	...	...
9	...	...	117	1	88	...	...
32	...	1	554	64	186	...	...
...	...	63	222	37	104	1	...
4	...	...	124	1	65	...	...
...	...	...	75	2	42	...	...

1	2	11					12	13
No.	Districts and Towns.	INJURIES— <i>contd.</i>					All other causes.	Total deaths from all causes.
		Wound- ing or Acci- dent.	Snake- bite.	Wild beast.	Rabies.	Total.		
	B—TOWNS.							
1	Bombay City	1,367	5	1	8	1,394	20,571	37,765
	<i>East Khandesh District.</i>							
2	Jalgaon	15	...	...	...	15	524	1,082
3	Nasirabad	2	...	...	...	2	120	374
4	Asoda	...	...	...	...	...	72	267
5	Yawal	...	...	...	...	...	54	246
6	Faizpur	1	...	...	...	1	34	208
7	Erandol	5	...	...	...	5	123	386
8	Dharangaon	...	...	...	...	...	107	489
9	Kasoda	1	...	...	...	1	46	256
10	Amalner	2	...	...	...	2	177	675
11	Parola	2	...	...	...	2	100	441
12	Chalisgaon	1	...	...	...	1	93	603
13	Pachora	1	...	...	...	1	34	138
14	Nagardeola	...	...	...	...	...	27	193
15	Bhadgaon	1	...	...	...	1	107	330
16	Chopda	2	1	...	...	3	158	383
17	Adawad	...	...	...	...	...	34	133
18	Raver	...	...	...	...	...	102	232
19	Savda	...	...	...	...	...	145	254
20	Bhusawal	11	...	...	...	11	253	758
21	Varangaon	5	...	...	...	5	27	277
22	Bodwad	1	...	...	...	1	15	143
23	Jamner	...	...	...	...	...	39	220
24	Shendurni	3	...	...	...	3	75	293
	<i>West Khandesh District.</i>							
25	Dhulia	2	...	...	...	2	523	1,362
26	Nandurbar	2	...	...	1	4	324	754
27	Sindkheda	3	...	...	...	3	51	248
28	Betawad	1	...	...	...	1	44	164

RATIO OF DEATHS PER 1,000 OF POPULATION.

Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhoea.	Respiratory Diseases.	Injuries.	All other causes.	From all causes.	
								For the year.	Mean of previous five years.
·00	·09	·00	1·20	·85	6·98	·81	11·89	21·82	23·71
...	·01	...	5·70	·66	2·33	·24	8·35	17·29	19·34
·13	...	...	12·93	·69	3·72	·13	8·38	25·98	28·11
3·47	...	...	12·99	1·08	5·76	...	8·72	32·02	31·66
·77	...	...	8·94	1·18	2·39	...	3·80	17·08	21·19
...	...	...	9·43	·07	3·92	·07	2·57	16·05	16·69
·81	...	·40	10·18	1·28	2·36	·29	7·67	22·45	24·64
·38	...	...	10·60	3·00	4·40	...	5·15	23·53	22·99
...	...	...	22·65	...	5·24	·14	6·02	34·05	31·48
·49	·02	...	7·31	·93	2·51	·49	3·59	15·34	16·47
·57	...	...	14·60	·97	4·26	·11	5·19	25·70	23·59
·65	...	·07	14·33	1·52	2·70	·03	3·56	22·86	24·70
·70	...	...	5·71	·77	1·80	·08	2·95	12·00	21·38
·41	...	...	16·14	·55	5·62	...	3·70	26·42	21·87
·66	...	...	17·37	...	6·08	·10	11·59	35·80	28·03
·28	...	...	5·08	1·09	2·59	·12	6·43	15·59	16·77
...	...	...	9·32	...	6·03	...	5·26	20·61	22·02
·07	...	...	6·25	2·58	2·03	...	9·15	20·08	31·85
·16	...	...	2·83	·59	5·50	...	12·05	21·13	20·22
·32	·02	...	7·39	·84	3·02	·27	5·96	17·82	15·63
5·84	...	...	21·94	·13	4·33	·65	3·29	36·18	29·18
·37	...	...	8·93	1·41	4·39	·11	1·81	17·02	27·76
1·36	...	...	12·45	·63	4·13	...	4·12	23·53	24·64
·83	...	...	10·86	·09	8·20	·27	6·96	27·21	23·33
·49	...	·02	8·49	·98	2·86	·03	8·01	20·88	18·87
...	...	2·41	3·51	1·43	3·97	·16	12·42	28·90	25·87
·3	...	...	16·55	·13	8·68	·40	6·81	33·10	25·37
...	...	...	15·42	·41	8·63	·21	9·04	33·71	27·38

1	2			3	4			
No.	Districts and Towns.			Mid-year estimated Popu- lation, for 1948.	Births,			
					Male.	Female.	Total.	Birth rate.
	B.—TOWNS—contd.							
	West Khandesh District—contd.							
29	Shirpur	...	...	14,215	272	211	483	33.97
30	Shahada	...	...	10,067	105	56	161	15.99
31	Taloda	...	...	12,813	222	167	389	30.33
32	Nawapur	...	...	7,750	140	148	288	37.16
	Surat District.							
33	Surat	...	...	186,286	4,128	3,872	8,000	42.99
34	Rander	...	...	16,499	267	276	543	32.99
35	Bardoli	...	...	8,353	157	146	303	36.27
36	Bulsar	...	...	24,573	549	551	1,100	44.77
37	Pardi	...	...	7,144	171	141	312	43.66
	Broach District.							
38	Broach	...	...	71,628	1,406	1,394	2,800	39.00
39	Amod	...	...	8,342	104	78	182	21.80
40	Jambusar	...	...	16,077	290	288	577	35.88
41	Ankleshwar	...	...	16,116	272	291	563	34.99
42	Hansot	...	...	6,064	105	93	198	32.66
	Kaira District.							
43	Kaira	...	...	7,655	190	123	313	40.80
44	Mehmedabad	...	...	8,354	220	217	437	32.80
45	Nadiad	...	...	55,257	1,186	1,120	2,306	41.77
46	Mahudha	...	...	8,794	217	178	395	44.99
47	Borsad	...	...	19,679	548	468	1,016	51.66
48	Anand	...	...	21,180	505	423	928	43.80
49	Umreth	...	...	18,540	457	400	857	46.27
50	Dakore	...	...	11,397	213	177	390	34.27
51	Kapadvani	...	...	23,111	481	440	921	39.80
52	Matar	...	...	4,408	84	63	147	33.33
	Panch Mahals District.							
53	Godhra	...	...	47,031	401	306	707	15.00
54	Dohad	...	...	12,666	415	477	862	68.00
55	Jhalod	...	...	9,119	99	94	193	21.17
56	Kalol	...	...	7,011	96	104	200	28.53
57	Halol	...	...	7,023	117	117	234	33.33

No. VI—contd.

5	6	7	8	9	10	11	
Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	INJURIES.	
						Suicide.	
						Male.	Female.
...	...	...	64	5	103	...	...
2	...	...	98	4	26	...	...
...	...	...	85	26	20	...	...
...	...	...	51	...	20	...	...
...	6	..	1,161	189	1,059	...	1
...	...	...	150	2	30	...	...
...	...	...	21	2	62	...	...
...	...	...	41	11	60	...	...
...	...	...	47	...	13	...	1
1	5	...	383	13	188	...	...
...	...	...	54	...	10	...	...
...	...	...	208	8	49	...	...
...	...	...	246	2	25	...	...
...	...	...	58	...	2	...	...
...	...	...	202	2	35	...	...
...	...	...	118	8	43	...	...
51	...	...	809	29	86	...	...
...	...	...	138	...	57	...	...
...	...	...	286	14	27	...	...
1	1	...	146	16	89	...	...
...	...	...	244	2	66	...	...
...	5	...	116	12	92	1	...
2	...	...	169	26	67	...	...
...	...	...	20	...	47	...	...
3	...	...	167	11	18	...	...
5	5	...	237	26	40	...	...
...	...	...	57	3	7	...	...
...	...	...	55	1	15	...	...
...	...	...	54	6	4	...	...

1	2	11					12	13
No.	Districts and Towns.	INJURIES—contd.					All other causes.	Total deaths from all causes.
		Wound- ing or Acci- dent.	Snake- bite.	Wild beast.	Rabies.	Total.		
B.—TOWNS—contd.								
West Khandesh District—contd.								
29	Shirpur	5	1	...	...	6	156	334
30	Shahada	...	...	...	...	...	55	188
31	Taloda	3	1	...	...	4	133	270
32	Nawapur	...	...	...	...	1	57	128
Surat District.								
33	Surat	48	1	...	1	51	2,064	4,531
34	Rander	...	...	...	...	...	54	231
35	Bardoli	...	...	...	...	...	62	144
36	Bulsar	4	...	...	...	4	144	266
37	Pardi	5	...	...	...	6	25	91
Broach District.								
38	Broach	17	...	...	...	17	733	1,341
39	Amod	...	...	...	...	...	16	81
40	Jambusar	...	...	...	...	...	49	311
41	Ankleshwar... ..	...	...	1	...	1	30	301
42	Hansot	...	...	1	...	1	3	61
Kaira District.								
43	Kaira	6	1	...	...	7	42	151
44	Mehmedabad	...	...	1	...	2	46	211
45	Nadiad	7	...	...	...	7	418	1,331
46	Mahudha	3	2	...	1	6	37	211
47	Borsad	...	...	...	...	...	161	411
48	Anand	19	...	...	...	19	190	411
49	Umreth	1	...	...	...	1	93	411
50	Dakore	4	1	...	...	6	60	211
51	Kapadvanj	5	1	...	...	6	123	311
52	Matar	...	...	...	...	...	35	111
Panch Mahals District.								
53	Godhra	2	...	...	...	2	81	211
54	Dohad	1	...	...	...	1	81	311
55	Jhalod	...	...	...	...	...	16	411
56	Kalol	...	...	...	...	...	18	511
57	Halol	...	...	...	...	...	6	611

RATIO OF DEATHS PER 1,000 OF POPULATION.

Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Injuries.	All other causes.	From all causes.	
								For the year.	Mean of previous five years.
...	...	...	4.50	0.35	7.25	.42	10.97	23.49	23.35
.20	...	...	9.73	.40	2.58	...	5.46	18.37	25.15
...	...	...	6.63	2.03	2.33	.31	10.38	21.68	24.70
...	...	...	6.58	...	2.57	.13	7.36	16.64	21.01
...	0.03	...	6.24	1.01	5.69	0.27	11.08	24.32	33.08
...	...	...	9.09	0.12	1.82	...	3.27	14.30	23.71
...	...	...	2.51	0.24	7.43	...	7.42	17.60	20.60
...	...	...	1.67	0.45	2.44	0.16	5.86	10.58	15.94
...	...	...	6.57	...	1.82	0.84	3.50	12.73	17.17
.01	.07	...	5.35	.18	2.62	.24	10.23	18.70	25.14
...	...	...	6.42	...	1.15	...	1.9	9.46	16.64
...	...	...	12.93	.49	3.03	...	3.01	19.46	28.25
...	...	...	15.26	.12	1.56	.06	1.86	18.86	27.60
...	...	...	9.56	...	0.34	.16	.49	10.55	17.92
...	...	...	13.32	.26	4.57	.92	5.49	24.56	28.63
...	...	...	14.13	.96	5.14	.24	5.51	25.98	35.88
.56	...	...	14.64	.53	1.56	.13	7.56	24.98	23.43
...	...	...	15.69	...	6.48	.68	4.21	27.06	35.33
...	...	...	14.53	.71	1.37	...	6.18	24.79	30.11
.05	.05	...	6.88	.76	4.20	.90	8.97	21.81	35.81
...	...	...	13.16	.11	3.56	.06	5.01	21.90	32.79
...	.44	...	10.18	1.05	8.08	.52	5.26	25.53	33.87
.09	...	...	7.30	1.12	2.92	.26	5.53	17.22	28.01
...	...	...	4.54	...	10.66	...	7.94	23.14	31.59
.06	...	...	3.34	.24	.39	.04	1.73	5.99	10.66
.39	.39	...	18.71	2.06	3.16	.08	6.40	31.19	28.59
...	...	...	6.25	.33	.77	...	1.75	9.10	15.03
...	...	...	7.84	.14	2.14	...	2.57	12.69	16.81
...	...	...	7.69	.86	.50	...	.85	9.96	11.12

1	2	3	4					
No.	Districts and Towns.	Mid-year estimated Popu- lation for 1948.	Births.					
			Male.	Female.	Total.	Birth rate		
B—TOWNS—contd.								
Ahmedabad District.								
58	Ahmedabad	7,02,316	12,765	11,859	24,624	35.06		
59	Dhandhuka	12,668	257	269	256	41.52		
60	Dholera	4,045	71	54	125	30.90		
61	Ranpur	8,299	153	153	306	36.87		
62	Sanand	9,767	148	144	292	29.89		
63	Viramgaon	31,807	461	438	899	28.26		
64	Mandal	6,121	117	104	219	35.77		
65	Patdi	7,925	121	119	240	30.27		
66	Prantij	8,944	190	179	369	41.25		
67	Modasa	13,629	190	144	334	24.50		
68	Dholka	19,766	490	485	975	49.32		
69	Ahmedabad Cantonment	3,448	45	36	81	23.49		
Ahmednagar District.								
70	Ahmednagar	63,213	1,587	1,508	3,095	48.96		
71	Sangamner	13,443	125	79	204	15.18		
72	Ahmednagar Cantonment	14,603	203	176	379	25.95		
73	Shrigonda	8,649	71	60	131	15.15		
74	Kopargaon	10,000	70	56	126	12.60		
75	Belapur and Ainatpur	6,905	53	49	102	14.77		
76	Pathardi	7,704	89	64	153	19.86		
77	Shrirampur	8,480	79	45	124	14.62		
Poona District.								
78	Poona City	2,92,311	4,508	4,159	8,667	56.39		
79	Poona Suburban	1,22,428	161	168	329	14.66		
80	Junnar	12,552	142	141	283	22.55		
81	Baramati	17,488	257	197	454	25.96		
82	Lonavla including Khandala	11,015	140	149	289	26.24		
83	Poona Cantonment	34,509	628	460	1,088	31.52		
84	Kirkee do.	20,876	462	421	883	42.30		
85	Alandi	2,546	45	48	93	36.52		
86	Indapur	4,702	41	37	78	16.58		
87	Jejuri	3,237	49	48	97	29.96		

o. VI—contd.

5	6	7	8	9	10	11 INJURIES.	
Cholera.	Small- pox.	Plague.	Fevers.	Dysentery and Diarrhoea.	Respira- tory Diseases.	Suicide.	
						Male.	Female.
28	123	1	7,436	251	2,865	2	1
...	13	...	206	1	38	...	1
...	1	...	36	.....	18	...	...
...	5	...	47	5	36	...	...
...	...	...	79	2	56	...	...
...	11	...	413	24	198	...	...
...	...	...	42	4	23	...	...
...	...	...	68	1	16	...	...
3	...	...	107	1	63	...	...
...	...	...	164	.....	8	...	...
...	...	...	199	31	43	...	...
...	...	...	13	3	10	...	...
20	1	15	194	79	295	2	1
22	...	31	22	10	22	...	...
3	...	...	39	12	54	...	...
...	1	...	5	3	31	...	...
24	6	...	26	11	10	...	...
17	...	...	13	5	15	...	...
3	...	...	12	.....	64	...	...
12	1	...	15	8	11	...	...
3	69	6	1,473	399	1,766	2	1
...	1	2	197	30	106	...	1
...	...	...	10	6	11	...	...
...	...	3	55	24	63	1	...
...	...	...	50	15	40	...	...
...	1	...	50	24	122	1	1
2	3	...	55	42	124	...	...
...	...	...	25	7	7	...	...
2	2	...	9	5	8	...	...
...	2	...	8	2	18	...	...

1	2			11 INJURIES—contd.					12	13
No.	Districts and Towns.			Wound- ing or acci- dent	Snake- bite.	Wild beasts.	Rabies.	Total.	All other causes.	Total deaths from all causes.
B—TOWNS—contd.										
Ahmedabad District.										
58	Ahmedabad...	...	...	173	7	1	13	197	5,616	16,517
59	Dhandhuka...	...	...	...	1	...	...	2	29	289
60	Dholera	...	...	...	...	...	...	...	19	74
61	Ranpur	...	...	...	2	...	...	2	60	155
62	Sanand	...	...	1	...	...	...	1	19	157
63	Viramgaon	...	...	1	...	...	...	1	90	737
64	Mandal	...	...	...	...	...	...	...	52	121
65	Patdi	...	...	4	1	...	...	5	54	144
66	Prantij	...	...	3	...	...	...	3	19	196
67	Modasa	...	...	1	...	...	...	1	17	210
68	Dholka	...	...	2	...	...	...	2	142	417
69	Ahmedabad Cantonment	...	...	...	...	...	...	...	3	29
Ahmednagar District.										
70	Ahmednagar	...	...	10	...	...	...	13	703	1,317
71	Sangamner	...	...	1	...	...	...	1	95	203
72	Ahmednagar Cantonment	...	...	3	...	...	...	3	173	286
73	Shrigonda	...	...	3	...	...	...	3	60	103
74	Kopargaon	...	...	3	...	1	...	4	74	154
75	Belapur and Ainatpur	...	...	...	1	...	...	1	42	95
76	Pathardi	...	...	...	1	...	...	1	27	106
77	Shrirampur...	...	...	1	...	...	...	1	22	70
Poona District.										
78	Poona City	...	...	81	7	...	...	91	3,263	7,070
79	Poona Suburban	...	...	5	1	...	...	7	152	495
80	Junnar	...	...	2	...	...	...	2	41	70
81	Baramati	...	...	...	1	...	...	2	74	221
82	Lonavla including Khandala	...	...	3	...	...	...	3	71	179
83	Poona Cantonment	...	...	6	...	...	...	8	235	440
84	Kirkee do.	...	...	4	...	...	...	4	234	464
85	Alandi	...	...	...	...	...	...	...	31	70
86	Indapur	...	...	...	...	...	...	...	21	47
87	Jejuri	...	...	1	...	...	...	1	17	48

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RATIO OF DEATHS PER 1,000 OF POPULATION.

Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhoea.	Respiratory Diseases.	Injuries.	All other causes.	From all causes.	
								For the year.	Mean of previous five years.
0.4	.18	...	10.58	.35	4.09	.28	8.00	23.52	27.07
...	1.03	...	16.25	0.8	3.00	.16	2.29	22.81	28.63
...	.25	...	8.89	...	4.45	...	4.70	18.29	29.86
...	.60	...	5.66	.61	4.34	.24	7.23	18.68	28.24
...	...	...	8.09	.20	5.74	.10	1.94	16.07	26.15
...	.34	...	12.98	.76	6.23	.03	2.84	23.18	32.24
...	...	...	6.86	.65	3.76	...	8.49	19.76	25.57
...	...	...	8.58	.13	2.02	.63	6.81	18.17	35.40
.34	...	...	11.96	.11	7.05	.34	2.12	21.92	34.11
...	...	...	13.44	...	.59	.07	1.24	15.34	25.53
...	...	...	10.05	1.59	2.18	.10	7.17	21.09	31.03
...	...	...	3.77	.87	2.90	...	.87	8.41	9.77
0.32	0.01	0.24	3.07	1.25	4.66	0.16	11.12	20.83	22.71
1.64	...	2.31	1.64	0.74	1.63	0.07	7.07	15.10	15.02
0.20	...	...	2.67	0.82	3.70	0.34	11.86	19.59	16.04
...	0.12	...	0.59	0.34	3.59	0.34	6.92	11.90	16.19
2.40	0.60	...	2.60	1.10	1.00	0.30	7.40	15.40	19.42
2.46	...	...	2.00	0.72	2.07	0.42	6.08	13.75	19.84
0.26	...	...	1.56	...	8.30	0.13	3.51	13.76	14.48
1.42	0.12	...	1.78	0.94	1.29	0.12	2.60	8.26	16.86
0.1	.24	.3	4.99	1.36	5.07	.31	11.78	24.19	33.89
...	.5	.6	8.63	1.34	4.18	.31	6.52	22.07	26.06
...	...	...	.80	.48	.88	.16	3.26	5.58	8.86
...	...	.17	3.15	1.37	3.60	.11	4.23	12.63	23.06
...	...	...	4.54	1.36	3.64	.27	6.44	16.25	20.80
...	.03	...	1.45	.69	3.35	.23	6.81	12.75	12.74
.10	.14	...	2.65	2.01	5.99	.19	10.42	22.22	25.3
...	...	...	9.81	2.32	2.74	...	...	27.11	28.77
.43	.43	...	1.91	1.05	1.80	...	4.46	10.1	19.86
...	.61	...	2.35	.61	5.63	.41	5.25	14.82	22.18

1	2	3	4			
No.	Districts and Towns.	Mid-year estimated population for 1946.	Births.			
			Male.	Female.	Total.	Birth rate
B—TOWNS—contd.						
Poona District—contd.						
88	Saswad	5,994	66	55	121	20·18
89	Sirur	3,938	78	76	154	39·11
90	Talegaon Dabhade	4,009	72	68	140	34·93
Nasik District.						
91	Násik	57,256	1 102	1,083	2,185	38·16
92	Trimbak	4,305	97	73	170	39·49
93	Bhagur	6,736	48	26	74	10·99
94	Sinnar	11,692	147	125	272	23·28
95	Igatpuri	8,173	155	142	297	36·33
96	Manmád	16,842	184	144	328	19·48
97	Nandgaon	7,956	138	111	249	31·30
98	Yeola	18,836	367	297	664	35·25
99	Málegaon	42,163	765	664	1,429	33·82
100	Deoláli Cantonment ..	12,953	205	206	411	31·73
Thana District.						
101	Bassein	14,915	853	295	648	43·45
102	Bhiwandi	21,094	112	86	198	9·39
103	Thána	35,581	551	487	1,038	29·17
104	Kalyán	35,078	540	470	1,010	28·79
105	Palghar	4,409	100	74	174	39·46
Bombay Suburban District.						
106	Bándra	91,200	1,750	1,632	3,382	37·08
107	Kurla	45,490	626	655	1,281	28·16
108	Ghatkopar-Kirol	25,516	341	294	635	24·88
109	Juhu	4,999	34	25	59	11·80
110	Malad	15,504	198	183	381	24·57
111	Vile Parle	54,681	683	599	1,282	23·44
Kolaba District.						
112	Alibág	6,607	231	166	397	60·08
113	Pen	8,322	142	133	275	33·04
114	Roha	6,345	67	64	131	20·64

VI—contd.

5 Malaria.	6 Small-pox.	7 Plague.	8 Fevers.	9 Dysentery and Diarrhoea.	10 Respiratory Diseases.	11 INJURIES.	
						Suicide.	
						Male.	Female.
...	...	...	25	2	38	...	...
...	...	...	27	8	14	...	...
...	...	...	28	...	7	...	...
21	68	8	403	119	875	...	...
...	2	...	25	13	50	...	...
...	...	...	62	5	64	...	...
1	...	...	70	4	57	...	...
...	...	1	44	3	67	...	...
9	3	...	76	9	87	...	...
3	1	...	69	10	38	...	...
12	2	...	193	38	186	1	...
67	...	...	584	90	179	...	...
...	10	...	20	1	44	...	...
...	...	...	43	6	25	...	...
...	9	...	49	9	32	...	1
1	8	...	235	26	98	1	2
7	1	...	115	46	112	...	...
...	...	...	37	...	2	...	...
3	...	...	272	123	684	...	...
...	...	...	129	44	204	...	...
1	5	...	191	21	126	...	...
...	...	...	11	1	16	...	...
...	...	...	68	2	221	...	...
4	...	...	119	34	167	...	...
...	...	...	20	3	38	...	...
2	...	...	31	4	21	...	...
...	...	5	37	3	21	...	...

1	2	11					12	13
No.	Districts and Towns.	INJURIES—contd.					All other causes.	Total death from all causes.
		Wound- ing or Acci- dent.	Snake- bite.	Wild beast.	Rabies.	Total.		
	B.—TOWNS—contd.							
	Poona District—contd.							
88	Saswad	7	...	...	...	7	16	88
89	Sirur	2	...	...	...	2	30	81
90	Talegaon Dabhade ..	...	...	...	...	...	19	54
	Nasik District.							
91	Nasik	24	1	...	...	25	484	2,004
92	Trimbak	2	...	...	...	2	20	112
93	Bhagur	4	...	1	...	5	10	146
94	Sinnar	4	1	1	...	6	39	177
95	Igatpuri	5	1	...	...	6	26	146
96	Manmad	6	1	...	...	7	63	253
97	Nandgaon	4	...	1	...	5	8	134
98	Yeola	6	...	2	...	9	25	466
99	Malegaon	3	...	...	...	3	59	982
100	Deolali Cantonment ...	2	1	...	...	3	19	96
	Thana District.							
101	Bassein	3	1	...	1	4	88	166
102	Bhiwandi	...	1	...	...	2	62	165
103	Thana	41	...	...	...	44	339	751
104	Kalyan	14	...	...	...	14	210	505
105	Palghar	2	...	...	...	2	14	55
	Bombay Suburban District.							
106	Bandra	20	1	...	...	21	709	1,817
107	Kurla	1	...	...	...	1	215	593
108	Ghatkopar-Kirol ...	7	1	...	...	8	130	482
109	Juhu	1	...	...	...	1	24	53
110	Malad	14	...	...	...	14	141	446
111	Vile Parle	23	...	...	...	23	158	505
	Kolaba District.							
112	Alibag	2	...	...	...	2	53	116
113	Pen	...	...	...	...	...	27	83
114	Roha	...	...	...	...	...	26	95

14

RATIO OF DEATHS PER 1,000 OF POPULATION.

Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhoea.	Respiratory Diseases.	Injuries.	All other causes.	From all causes.	
								For the year.	Mean of previous five years.
...	...	...	4.23	.16	6.53	1.16	2.5	14.68	18.82
...	...	...	6.85	2.03	3.55	.50	7.62	2.56	27.78
...	...	...	6.99	...	1.75	...	4.74	13.48	32.43
.37	1.19	.14	7.04	2.07	15.29	.45	8.43	35.00	36.93
...	.46	...	5.81	3.02	11.61	.46	4.64	26.00	27.37
...	...	...	9.19	.74	8.49	.74	1.49	21.67	18.72
.08	...	...	5.98	.34	4.87	.51	3.34	15.14	15.09
...	...	.12	5.38	.36	8.19	.61	3.18	17.86	25.81
.53	.18	...	4.51	.53	5.16	.42	3.74	15.08	14.01
.88	.13	...	8.17	1.26	4.78	.63	1.00	16.84	17.10
.64	.11	...	10.24	2.02	9.88	.53	1.33	24.74	30.03
1.59	...	...	13.85	2.16	4.24	.07	1.40	23.29	21.16
...	.77	...	1.55	.08	3.19	.15	1.47	7.41	9.53
...	...	...	2.89	0.41	1.68	0.27	5.91	11.13	13.85
...	0.43	...	2.33	0.43	1.51	0.10	2.94	7.73	14.00
0.03	0.22	...	6.59	0.73	2.76	1.24	9.53	21.11	22.76
0.20	0.03	...	3.28	1.31	3.19	0.40	5.99	14.40	17.96
...	...	...	8.39	...	0.46	0.45	3.18	12.47	14.11
.03	...	...	2.98	1.40	7.49	.23	7.76	19.92	17.28
...	...	...	2.82	.97	4.48	.02	4.72	13.03	19.23
.03	.19	...	7.47	.81	5.55	.31	5.09	18.89	19.37
...	...	...	2.20	.20	3.20	.20	4.80	10.60	12.32
...	...	...	3.37	.12	14.26	.90	9.09	28.76	20.93
.07	...	...	2.16	.62	3.04	.42	2.88	9.23	8.66
...	...	...	3.02	.45	5.71	.30	8.02	17.55	17.40
.24	...	...	3.72	.48	2.52	...	3.24	10.21	16.88
...	...	.79	5.83	.47	8.79	...	4.09	14.98	19.74

1	2				3	4			
No.	Districts and Towns.				Mid-year estimated population for 1946.	Births.			
						Male.	Female.	Total.	Birth- rate.
B.—TOWNS—contd.									
Kelaba District—contd.									
115	Mahad	...	...	...	8,546	166	114	280	32.76
116	Panwel	...	...	...	12,866	150	136	286	22.22
117	Uran	...	...	...	6,682	83	69	152	22.74
118	Matheran	...	...	...	2,811	54	46	100	35.87
Ratnagiri District.									
119	Ratnagiri	...	...	...	18,530	545	440	985	54.15
120	Vengurla	...	...	...	11,547	242	242	484	41.91
121	Mālwan	...	...	...	15,103	358	317	675	14.69
122	Chiplun	...	...	...	16,102	238	178	416	25.83
123	Rajapur	...	...	...	9,894	110	107	217	21.93
Belgaum District.									
124	Belgaum	...	...	...	70,866	1,185	974	2,159	29.54
125	Gokak	...	...	...	15,263	290	227	517	33.25
126	Athni	...	...	...	13,944	207	208	415	28.71
127	Nipani	...	...	...	15,309	444	435	879	57.42
128	Bail Hongal	...	...	..	11,895	245	182	427	35.89
129	Chikodi	...	...	...	10,708	275	236	511	47.72
130	Khanapur	...	...	...	5,797	90	74	164	28.29
131	Saundatti Yellamma	...	...	...	9,874	158	134	292	29.60
132	Belgaum Cantonment	...	...	...	18,985	117	107	224	11.79
Dharwar District.									
133	Dharwar	...	...	...	53,191	878	770	1,648	30.98
134	Hubli	...	...	...	1,04,326	1,777	1,489	3,266	31.31
135	Gadag-Bettigeri	...	...	...	63,938	830	746	1,576	24.65
136	Ranebennur	...	...	...	17,419	432	384	816	46.84
137	Navalgund	...	...	...	7,727	115	103	220	30.44
138	Annigeri	...	...	...	8,503	176	180	356	41.87
139	Bankapur	...	...	...	7,752	156	164	320	41.28
140	Byadgi	...	...	...	10,008	180	171	351	35.07
141	Hangal	...	...	...	7,538	146	123	269	35.71
142	Haveri	...	...	...	12,676	223	201	424	33.45
143	Nargund	...	...	...	9,988	176	199	365	35.54

No. VI—contd.

5	6	7	8	9	10	11 INJURIES.	
cholera.	Small- pox.	Plague.	Fevers.	Dysentery and Diarrhoea.	Respira- tory Diseases.	Suicide.	
						Male.	Female.
.....	.....	9	43	7	50	.....	...
.....	1	11	81	11	85	.....	...
.....	.....	.....	27	3	33	.....	...
.....	.....	.....	10	1	22	.....	...
.....	5	.....	154	5	136	1	1
.....	.....	.....	50	.....	75	.....	1
.....	.....	.....	74	4	105	.....	1
.....	.....	.....	69	6	77	1	...
.....	.....	.....	49	2	46	.....	...
3	24	12	225	61	242	1	1
.....	.....	.....	112	32	52	2	...
.....	1	1	73	17	89	2	1
.....	.....	.....	42	37	83	2	...
2	.....	.....	60	13	37	.....	...
.....	1	1	48	12	45	.....	...
.....	2	.....	26	3	13	.....	...
.....	.....	.....	35	6	26	.....	...
.....	2	.....	11	4	12	.....	...
.....	7	1	108	46	147	5	5
1	.....	.....	831	69	242	.....	1
1	.....	.....	484	57	194	3	3
.....	.....	.....	117	9	85	1	2
.....	.....	.....	72	11	24	1	...
.....	.....	.....	71	23	38	1	...
.....	.....	.....	21	.....	34	.....	2
.....	.....	.....	65	4	33	.....	...
.....	.....	.....	47	1	31	.....	...
.....	.....	.....	46	3	35	...	1
.....	.....	.....	48	20	39	.....	...

1	2				11					12	13
No.	Districts and Towns.				INJURIES—contd.					All other causes.	Total deaths from all causes.
					Wound- ing or acci- dent.	Snake bite.	Wild beast.	Rabies.	Total.		
	B—TOWNS—contd.										
	Kolaba District—contd.										
115	Mahad	...	...	...	1	1	...	...	2	39	150
116	Panwel	...	...	...	3	1	...	...	4	64	257
117	Uran	...	...	...	2	...	...	...	2	48	113
118	Matheran	...	...	...	...	...	...	...	...	23	66
	Ratnagiri District.										
119	Ratnagiri	...	...	...	6	...	...	...	8	136	444
120	Vengurla	...	...	...	3	...	...	...	4	73	202
121	Malwan	...	...	...	4	...	...	...	5	91	279
122	Chiplun	...	...	...	5	...	...	...	6	73	231
123	Rajapur	...	...	...	...	...	...	...	...	40	137
	Belgaum District.										
124	Belgaum	...	...	...	12	...	...	...	14	706	1,287
125	Gokak	...	...	...	5	...	...	...	7	80	283
126	Athani	...	...	...	4	...	...	...	7	77	265
127	Nipani	...	...	...	7	...	...	1	10	225	397
128	Bail Hongal	...	...	...	2	...	...	...	2	103	217
129	Chikodi	...	...	...	4	1	...	...	5	150	262
130	Khanapur	...	...	...	2	...	...	...	2	27	73
131	Saundatti Yellamma	...	...	...	...	...	...	...	...	74	141
132	Belgaum Cantonment	...	...	...	3	...	...	1	4	44	77
	Dharwar District.										
133	Dharwar	...	...	...	9	...	...	2	21	575	905
134	Hubli	...	...	...	6	1	...	1	9	722	1,374
135	Gadag-Bettigeri	...	...	...	15	...	...	...	21	677	1,434
136	Ranebennur	...	...	...	2	1	...	1	6	103	320
137	Nawalgund	...	...	...	1	...	...	1	3	85	195
138	Annigeri	...	...	...	4	...	...	...	5	89	226
139	Bankapur	...	...	...	1	...	...	...	3	69	127
140	Byadgi	...	...	...	3	...	...	...	3	99	204
141	Hangal	...	...	...	...	...	...	...	...	42	121
142	Haveri	...	...	...	4	...	...	...	5	105	194
143	Nargund	...	...	...	4	...	...	1	5	92	204

14

RATIO OF DEATHS PER 1,000 OF POPULATION.

Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhoea.	Respiratory Diseases.	Injuries.	All other causes.	From all causes.	
								For the year.	Mean of previous five years.
...	...	1.00	5.02	.80	5.85	.23	4.63	17.55	17.51
...	.08	.85	6.29	.86	6.61	.31	4.88	19.19	18.17
...	...	...	4.05	.45	4.94	.30	7.19	16.91	16.51
...	...	...	3.56	.36	11.38	...	8.18	23.48	21.65
...	.26	...	8.30	.26	7.33	.48	7.35	23.96	18.15
...	...	...	4.33	...	6.48	.34	6.33	17.49	41.10
...	...	...	4.91	.26	6.94	.33	6.02	18.47	29.77
...	...	...	4.30	.37	4.78	.37	4.33	14.35	13.70
...	...	...	5.95	.20	4.64	...	4.04	13.84	17.00
.04	.34	.17	3.18	.86	3.41	.29	9.96	18.16	22.06
...	...	...	7.39	2.08	3.44	.46	5.24	18.52	23.74
...	.07	.07	5.24	1.22	6.38	.50	5.52	19.00	16.16
...	...	...	2.74	2.42	5.42	.65	14.70	25.93	23.82
.17	...	...	5.04	1.09	3.11	.17	8.66	18.24	23.21
...	.09	.09	4.48	1.12	4.20	.47	14.01	24.47	26.72
...	.34	...	4.51	.52	2.24	.34	4.66	12.59	18.60
...	...	...	3.54	.60	2.64	...	7.49	14.28	26.53
...	.10	...	.58	.21	.63	.21	2.32	4.06	4.73
...	.13	.02	2.03	.86	2.76	.39	10.81	17.01	19.45
.01	...	...	3.17	.66	2.32	.09	6.92	13.17	15.26
.02	...	...	7.57	.57	3.03	.33	10.59	22.43	30.11
...	...	...	6.72	.52	4.88	.34	5.91	18.37	18.81
...	...	...	9.32	1.42	3.11	.39	11.00	25.24	21.36
...	...	...	8.35	2.70	4.47	.59	10.47	26.57	23.42
...	...	...	2.71	...	4.39	.38	8.90	16.33	25.20
...	...	...	6.48	.40	3.29	.30	9.89	20.38	24.97
...	...	...	6.24	.13	4.12	...	5.58	16.06	21.56
...	...	...	3.63	.24	2.76	.39	8.28	15.30	23.00
...	...	...	4.81	2.00	3.92	.50	9.21	20.42	26.96

1	2				3	4			
No.	Districts and Towns.				Mid-year estimated population for 1948.	Births.			
						Male.	Female.	Total.	Birth- rate.
B—TOWNS—contd.									
Dharwar District—contd.									
144	Ron	...	...	...	8,067	168	161	329	40.78
145	Shiggaon	...	...	...	16,225	153	109	262	16.14
146	Tuminkatti	...	...	...	5,063	94	89	183	36.14
Bijapur District.									
147	Bijapur	...	...	...	55,729	948	800	1,748	31.38
148	Bagalkot	...	...	...	31,502	463	469	932	29.59
149	Guledgud	...	...	...	19,437	396	379	775	34.73
150	Ilkal	...	..	...	20,146	282	216	498	24.72
151	Bilgi	...		...	5,273	93	95	193	36.60
152	Hungund	...	...	...	7,063	142	135	277	39.22
153	Kerur	...	...	...	7,773	120	93	213	27.40
154	Talikot	...	...	...	8,677	214	166	380	43.80
Kanara District.									
155	Karwar	...	...	...	15,585	359	303	662	42.47
156	Kumta	...	...	...	10,934	225	219	444	40.60
157	Gokarn	...	...	...	11,233	59	39	98	8.72
158	Honawar	...	...	...	9,657	105	99	204	21.12
159	Bhatkal	...	...	...	12,022	189	171	360	29.94
160	Halyal	...	...	...	7,188	109	81	190	26.43
161	Sirsi	...	...	...	12,900	249	251	500	38.76
Sholapur District.									
162	Sholapur	...	...	...	253,638	5,302	5,006	10,308	40.64
163	Barsi	...	...	...	39,893	837	747	1,584	39.65
164	Pandharpur	...	...	...	36,159	793	768	1,561	43.17
165	Karkamb	...	...	...	7,103	90	54	144	20.27
166	Karmala	...	...	...	8,197	145	138	283	34.52
167	Kurduwadi	...	...	...	11,466	188	192	380	33.14
168	Mohol	...	...	...	5,291	80	87	167	31.56
169	Sangola	...	...	...	6,074	167	161	328	54.17
170	Vairag	...	...	...	4,874	75	82	157	32.21

No. VI—contd.

5	6	7	8	9	10	11 INJURIES.	
Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhoea.	Respiratory Diseases.	Suicide.	
						Male.	Female.
1	...	...	66	...	42	1	3
...	...	...	24	1	25	...	...
...	...	...	23	...	14	...	...
...	...	18	243	79	109	1	2
...	...	1	145	18	109	1	3
...	1	...	141	13	65	...	...
...	...	...	85	3	65	...	2
...	...	...	20	2	23	...	...
B	...	...	49	...	50	1	1
...	...	...	73	4	67	1	1
...	...	...	81	24	50	...	1
...	10	...	30	6	29	...	...
...	...	...	51	7	27	...	...
...	...	...	14	7	11	...	...
...	...	...	27	5	10	1	1
...	...	...	65	4	22	1	...
...	...	...	6	3	14	...	...
...	1	...	46	8	25	...	1
19	31	86	1,423	397	2,426	2	2
11	4	...	442	47	81	5	1
...	5	2	160	175	350	3	1
...	...	...	75	1	34	...	...
1	...	...	78	2	44	...	1
6	...	...	102	15	25	...	2
...	...	...	29	...	15	...	...
...	1	...	45	...	39	...	1
3	...	...	101	1	4	1	...

1	2	11					12	13
No.	Districts and Towns.	INJURIES—contd.					All other causes.	Total deaths from all causes.
		Wound- ing or acci- dent.	Snake bite.	Wild beast.	Rabies.	Total.		
B—TOWNS—contd.								
Dharwar District—contd.								
144	Ron	3	...	...	1	8	67	184
145	Shiggaon	2	...	...	...	2	31	83
146	Tuminkatti	1	...	...	...	1	48	86
Bijapur District.								
147	Bijapur	10	...	...	...	13	507	969
148	Bagalkot	6	1	...	...	10	202	485
149	Guledgud	3	1	...	...	4	179	403
150	Ilkal	1	1	...	...	4	332	489
151	Bilgi	...	...	...	...	...	56	101
152	Hungund	2	...	...	...	4	42	147
153	Kerur	1	...	...	...	3	78	225
154	Talikot	2	...	...	...	3	60	218
Kanara District.								
155	Karwar	1	...	...	...	1	117	192
156	Kumta	3	...	...	...	3	59	147
157	Gokarn	1	...	...	...	1	29	62
158	Honawar	2	...	...	...	4	49	95
159	Bhatkal	2	1	...	...	4	66	161
160	Halyal	...	...	...	1	1	35	59
161	Sirsi	...	...	...	1	2	133	215
Sholapur District.								
162	Sholapur	12	4	...	1	22	4,254	9,158
163	Barsi	32	1	...	2	41	795	1,421
164	Pandharpur	1	...	...	...	5	906	1,603
165	Karkamb	1	1	...	...	2	57	169
166	Karmala	2	...	...	...	3	95	224
167	Kurduwadi	1	...	...	...	3	88	239
168	Mohol	...	...	...	...	...	57	111
169	Sangola	1	...	...	1	3	76	164
170	Vairag	...	...	...	...	1	34	144

14

RATIO OF DEATHS PER 1,000 OF POPULATION.

Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Injuries.	All other causes.	From all causes.	
								For the year.	Mean of previous five years.
·12	...	...	8·18	...	5·21	·99	8·31	22·81	25·12
...	...	...	1·48	·06	1·54	·12	1·91	5·10	21·90
...	...	...	4·54	...	2·77	·20	9·48	16·99	20·91
...	...	·32	4·36	1·42	1·96	0·23	9·10	17·39	13·90
...	...	·03	4·60	·57	3·46	·32	6·41	15·39	21·44
...	·05	...	7·26	·67	3·34	·21	9·20	20·73	30·08
...	...	...	4·22	·15	3·23	·20	16·47	24·27	27·93
...	...	...	3·79	·38	4·26	...	10·62	19·15	21·55
·28	...	...	6·94	...	7·08	·37	5·95	20·81	23·00
...	...	...	9·39	·51	8·62	·39	10·03	28·95	25·01
...	...	...	9·34	2·75	5·75	·35	6·91	25·12	27·66
...	·64	...	1·92	·32	1·86	·06	7·51	12·31	12·05
...	...	...	4·66	·64	2·47	·27	5·40	13·44	15·31
...	...	...	1·25	·62	·99	·09	2·58	5·52	10·04
...	...	...	2·80	·52	1·04	·41	5·07	9·84	12·82
...	...	...	5·40	·33	1·83	·33	5·48	13·39	21·00
...	...	...	·83	·42	1·95	·14	4·87	8·21	19·51
...	·08	...	3·56	·62	1·95	·15	10·31	16·66	29·69
0·07	·12	0·34	5·61	3·54	9·56	0·09	16·77	36·18	32·43
·28	·10	...	11·07	1·17	2·03	1·02	19·22	35·63	39·47
...	0·14	0·06	4·42	4·84	9·68	0·14	25·06	44·38	36·70
...	...	...	10·56	6·14	4·78	0·28	8·03	23·79	20·87
0·12	...	...	9·51	0·36	5·96	0·26	11·58	27·32	26·97
6·52	...	...	8·89	1·30	2·19	0·26	7·67	20·84	20·62
...	...	...	7·37	...	2·83	...	10·77	20·97	14·57
...	0·16	...	7·40	...	6·42	0·49	12·51	27·00	23·44
0·61	...	...	20·72	0·20	0·81	0·20	6·97	29·53	24·47

1	2	3	4				
No.	Districts and Towns.	Mid-year estimated population for 1946.	Births.				
			Male.	Female.	Total.	Birth rate	
B—TOWNS—concl'd. Satara District.							
171	Satara	45,478	560	516	1,076	23.6	
172	Wai	17,188	327	309	636	37.0	
173	Karad	20,577	335	287	622	30.2	
174	Ashta	9,042	132	115	247	27.3	
175	Islampur	13,547	105	97	202	14.9	
176	Mahableshwar	5,493	72	67	139	25.3	
177	Mhaswad	8,768	124	113	237	27.0	
178	Panchgani	4,241	61	34	95	22.3	
179	Rahimatpur	7,012	171	132	303	43.2	
180	Tasgaon	12,005	243	201	444	36.9	
181	Vita	8,404	173	136	309	36.7	
Total for the Towns ...		6,227,102	106,623	97,969	204,592	32.8	
Total for the Province ...		22,922,450	395,558	368,863	764,421	33.3	

o. VI—contd.

5	6	7	8	9	10	11	
						INJURIES.	
						Suicide.	
Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhoea.	Respiratory Diseases.	Male.	Female.
...	2	15	150	30	104	...	3
...	...	...	67	28	46	...	...
...	...	...	35	13	34	1	...
...	4	5	36	5	33	3	2
...	1	...	8	3	22	...	...
...	...	...	20	8	25	...	1
...	...	4	33	12	17	...	2
...	...	...	7	1	12	...	...
...	...	2	61	13	37	...	...
...	4	...	35	15	32	...	...
...	...	1	52	11	12	...	1
617	643	324	33,070	5,941	32,154	67	62
5,532	3,239	1,305	177,918	18,180	97,500	307	440

1	2				11					12	13	
No.	Districts and Towns.				INJURIES—contd.					All other causes.	Total death from all cause	
					Wound- ing or acci- dent.	Snake- bite.	Wild beast.	Rabies.	Total.			
	B—TOWNS—concl'd.											
	Satara District.											
171	Satara	...	...	...	9	1	...	1	14	495	81	
172	Wai	...	...	...	4	1	...	...	5	185	33	
173	Karad	...	...	...	4	1	...	...	6	116	21	
174	Ashta	...	...	...	1	...	...	1	7	41	13	
175	Islampur	...	...	...	2	1	...	...	3	46	14	
176	Māhableshwar	...	...	...	...	...	...	...	1	22	7	
177	Mhaswad	...	...	...	1	...	...	...	3	71	11	
178	Panchgani	...	...	...	...	...	...	...	...	20	6	
179	Rahimatpur	...	...	...	1	...	...	...	1	49	14	
180	Tasgaon	...	...	...	3	...	...	...	3	97	15	
181	Vita	...	...	...	1	1	...	...	3	82	13	
	Total for the Towns				...	2,295	65	9	40	2,538	57,848	133
	Total for the Province				...	5,192	798	43	87	6,867	183,640	494

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RATIO OF DEATHS PER 1,000 OF POPULATION.

Cholera.	Small-pox.	Plague	Fevers.	Dysentery and Diarrhoea.	Respiratory Diseases.	Injuries.	All other causes.	From all causes.	
								For the year.	Mean of previous five years.
...	.04	.53	3.23	.66	3.28	.30	10.87	17.74	27.82
...	...	...	3.89	1.52	2.67	.29	10.76	19.25	21.81
...	...	...	1.70	.53	1.65	.29	5.83	9.91	12.67
...	.44	.56	3.98	.55	3.65	.77	4.53	14.48	13.10
...	.07	...	.59	.22	1.62	.22	3.49	5.12	9.76
...	...	...	3.64	1.44	4.55	.18	4.00	13.83	17.52
...	...	.46	3.76	1.37	1.94	.24	8.09	15.99	13.46
...	...	...	1.65	.24	2.83	...	4.70	9.43	15.92
...	...	.23	7.27	1.85	5.27	.14	6.99	21.82	23.12
...	.33	...	2.91	1.24	2.66	.25	8.03	15.50	17.63
...	...	.12	6.19	1.31	1.40	.36	9.76	19.16	18.47
.10	.10	.05	5.31	.95	5.16	.41	9.29	21.37	24.36
.24	.14	.06	7.75	.79	4.27	.50	8.01	21.57	24.64

**ANNUAL FORM NO. VI (a)—DEATHS registered from certain
during the**

1	2	3		4		5		6	
No.	Districts and Towns.	Enteric Fever.		Measles.		Cerebro- spinal Fever.		Malaria.	
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	A—DISTRICTS EXCLUDING TOWNS).								
	<i>Northern Registration District.</i>								
1	East Khándesh	136	·12	251	·23	...	...	5,485	5·14
2	West Khándesh	263	·30	275	·31	...	...	4,981	5·75
3	Surat	130	·18	...	...	...	...	120	·16
4	Broach	12	·04	19	·06	1	·00	7	·02
5	Kaira	12	·01	32	·04	1	·00	8	·01
6	Panch Maháls	11	·02	32	·06	...	...	14	·02
7	Ahmedabad	11	·01	163	·23	...	...	9	·01
	<i>Central Registration District.</i>								
8	Ahmednagar	293	·26	156	·14	...	...	2,758	2·44
9	Poona	10	·01	13	·01	...	...	2,595	2·43
10	Násik	72	·07	1	·00	...	...	5,593	6·51
11	Thána	177	·20	6	·01	...	...	1,508	1·69
12	Bombay Suburban	8	·11	2	·02	...	...	26	·87
13	Kolaba	378	·58	82	·12	...	...	775	1·09
14	Ratnágiri	44	·03	93	·06	...	...	75	·05
	<i>Southern Registration District.</i>								
15	Belgaum	194	·17	415	·36	...	...	1,508	1·30
16	Dhárwár	581	·62	173	·18	...	...	960	1·02
17	Bijápur	259	·29	146	·16	...	...	1,177	1·31
18	Kánara	121	0·32	3	·00	...	...	847	·92
19	Sholápur	50	·07	255	·34	...	...	839	·32
20	Sátára	243	·19	147	·11	2	·00	660	·52
	Total of Districts ...	3,010	·18	2,264	·13	4	·00	29,846	1·79

Note.—The returns under the following columns and diseases are blank:—

(9) Relapsing Fever, (19) Beri Beri, (23) Mumps, (24) T. B. of joints, (25) Other tubercular diseases.

Diseases in the DISTRICTS and TOWNS of the BOMBAY PROVINCE
year 1948.

7		8		10		12		13		14		15	
Influenza.		Kala Azar.		Typhus.		Other Fevers.		Dysentery.		Diarrhoea.		Pneumonia.	
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
...	...	...	...	...	...	10,906	10.22	92	.08	810	.75	207	.19
...	...	...	...	...	...	7,150	8.25	20	.02	633	.73	92	.11
...	...	...	...	...	...	5,022	6.81	31	.04	33	.05	885	1.20
...	...	...	...	...	...	4,010	12.33	5	.02	64	.17	293	.90
...	...	...	...	...	...	5,035	5.83	214	.25	137	.16	363	.42
...	...	...	...	...	...	7,049	14.09	7	0.01	45	.09	74	.15
...	...	...	...	...	...	8,285	11.50	57	.08	28	.04	59	.08
...	...	...	...	...	...	3,114	2.76	29	.03	1,148	1.02	210	.19
...	...	...	...	...	...	3,945	3.63	215	.20	884	.83	231	.22
...	...	...	...	...	...	3,253	3.21	272	.26	522	.51	335	.33
...	...	...	...	...	...	2,903	3.26	235	.26	105	.12	388	.44
...	...	...	...	...	...	158	2.24	2	.02	4	.05	42	.59
...	...	...	...	...	...	5,417	8.31	319	.48	198	.30	148	.22
...	...	...	...	...	...	3,462	6.12	60	.04	136	.09	68	.05
...	...	...	...	...	...	4,706	4.05	45	.04	1,780	1.53	169	.15
...	...	...	...	...	...	5,953	6.33	8	.00	342	.36	74	.08
...	...	...	...	...	...	8,197	9.12	376	.42	1,228	1.87	32	.04
1	.00	...	...	...	...	1,327	3.50	40	.10	264	.70	30	.08
...	...	...	...	...	...	6,589	8.87	1	.00	543	.73	99	.13
10	.01	...	...	...	...	8,232	6.41	173	.14	1,144	.89	78	.06
11	.00	...	...	...	...	10,713	6.57	2,201	.13	10,038	.60	3,877	.23

1	2	16		17		18		19		20	
		Pulmonary Tuberculosis.		Whooping Cough.		Other Respiratory diseases.		Beri Beri.		Diphtheria.	
No.	Districts and Towns.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	A.—DISTRICTS (EXCLUDING TOWNS) —contd.										
	<i>Northern Registration District.</i>										
1	East Khandesh ...	431	·40	297	·27	3,705	3·46	...	...	...	...
2	West Khandesh ...	336	·41	169	·19	3,154	3·84	...	...	...	...
3	Surat ...	351	·47	10	·01	585	0·79	...	...	...	...
4	Broach ...	173	·53	6	0·2	586	1·80	...	...	...	...
5	Kaira ...	1,200	1·39	141	·16	4,353	5·04	...	...	...	...
6	Panch Mahāla ...	223	·45	66	·13	834	1·67	...	...	...	...
7	Ahmedabad ...	508	·69	86	·12	867	1·24	...	...	...	...
	<i>Central Registration District.</i>										
8	Ahmednagar ...	889	·75	22	·01	5,325	2·95	...	...	...	...
9	Poona ...	940	·85	281	·26	1,985	1·86	...	...	...	...
10	Nasik ...	469	·46	82	·03	8,635	8·52	...	...	...	...
11	Thana ...	701	·69	149	·17	1,182	1·33	...	...	...	...
12	Bombay Suburban ...	26	·37	9	·12	194	2·76	...	...	...	...
13	Kolaba ...	1,246	1·91	225	·34	1,101	1·69	...	...	...	...
14	Ratnāgiri ...	2,523	1·82	355	·25	5,057	3·65	...	...	...	...
	<i>Southern Registration District.</i>										
15	Belgaum ...	833	·70	118	·10	2,322	2·01	...	...	...	...
16	Dhārwar ...	654	·69	21	·02	1,861	1·98	...	...	...	...
17	Bijāpur ...	797	·69	147	·16	2,584	2·88	...	...	...	...
18	Kānara ...	203	·54	26	·07	460	1·21	...	...	...	...
19	Sholapur ...	448	·60	9	·01	914	·12	...	...	1	·00
20	Satara ...	1,610	1·25	286	·18	1,190	·93	...	...	...	...
	Total of Districts ...	14,510	·87	2,445	·15	44,914	2·69	...	...	1	·00

No. VI (a)—contd.

21 Chicken- pox.		22 Acute Polio Myelitics.		23 Mumps.		24 Leprosy.		27 Cancer.		28 Deaths from child birth.	29 Deaths under 1 year.			30 Infant morta- lity rate per 1,000 births.	1 No.
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.		Male.	Female.	Total.		
...	...	...	...	...	...	90	·08	...	...	402	3,618	3,294	6,912	184·86	1
...	...	...	...	...	...	34	·04	2	·00	354	2,888	2,600	5,488	160·96	2
...	...	...	...	...	...	7	·01	85	·12	177	1,576	1,225	2,801	106·67	3
...	...	...	...	...	...	...	...	24	·07	93	1,026	874	1,900	164·04	4
...	...	...	...	...	...	...	...	20	·02	240	1,937	1,814	3,751	129·60	5
...	...	...	...	...	...	...	...	2	·00	151	977	918	1,895	122·61	6
...	...	...	...	...	...	...	...	15	·02	66	1,476	1,332	2,808	129·35	7
2	·00	...	...	...	...	74	·07	16	·01	14	3,277	2,576	5,853	153·28	8
8	·01	...	...	...	...	8	·01	10	·01	9	2,157	1,527	3,684	129·54	9
141	·14	...	...	...	...	23	·02	2	·00	8	3,246	2,879	6,125	163·07	10
2	·00	...	...	...	...	6	·01	13	·01	...	1,066	991	2,057	105·73	11
...	...	...	...	...	...	...	...	1	·01	3	41	36	77	67·89	12
2	·00	...	...	...	...	10	·01	2	·00	23	1,289	1,087	2,376	135·80	13
...	...	...	...	...	...	27	·01	12	·01	36	1,624	1,476	3,100	85·17	14
7	·01	...	...	...	...	18	·02	6	·01	311	2,991	2,413	5,404	126·15	15
1	·00	...	...	...	...	16	·02	24	·03	189	2,660	2,099	4,759	120·45	16
...	...	...	...	...	...	51	·06	4	·00	350	2,783	2,410	5,193	138·92	17
...	...	...	...	...	...	2	·00	5	·01	109	879	730	1,609	116·22	18
...	...	...	...	...	...	73	·09	2	·00	63	2,815	2,321	5,136	155·77	19
...	...	...	...	...	...	155	·12	5	·00	262	3,156	2,765	5,921	128·69	20
163	·01	...	...	...	...	594	·05	250	·01	2,871	41,352	35,367	76,719	137·04	

1	2	3		4		5		6		
No.	Districts and Towns.	Enteric Fever.		Measles.		Cerebro- spinal Fever.		Malaria.		
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	
B—TOWNS.										
1	City of Bombay	...	1,033	·60	88	·05	33	·02	116	·07
East Khandesh District.										
2	Jalgaon	...	37	·59	4	·06	...	...	41	·65
3	Nasirabad	...	...	...	4	·27	...	...	13	·90
4	Asoda	...	...	...	8	·84	...	...	6	·75
5	Yawal	...	1	·06	1	·06	...	...	11	·77
6	Faizpur	...	...	...	1	·07	...	...	44	3·39
7	Erandol	...	...	...	...	...	...	...	37	2·15
8	Dharangaon	...	...	...	8	·38	...	...	65	3·12
9	Kasoda	...	...	...	...	...	...	...	26	3·45
10	Amalner	...	...	...	21	·79	1	·02	25	·59
11	Parola	...	1	·05	...	...	...	...	86	5·83
12	Chalisgaon	...	4	·19	27	1·02	...	...	32	1·21
13	Pachora	...	4	·34	5	·45	...	...	27	2·36
14	Nagardeola	...	...	...	6	·82	...	...	47	6·43
15	Bhadgaon	...	1	·10	14	1·53	...	...	2	·22
16	Chopda	...	3	·12	2	·08	...	...	34	1·38
17	Adavad	...	31	4·86	...	...	...	...	11	1·70
18	Raver	...	10	·74	2	·17	...	...	22	1·67
19	Savda	...	5	·43	...	...	...	...	8	·66
20	Bhusawal	...	...	...	15	·37	...	...	48	1·12
21	Varangaon	...	...	...	3	·39	...	...	2	·26
22	Bodwad	...	...	...	2	·23	...	...	42	5·00
23	Jamner	...	...	...	...	...	...	...	42	4·15
24	Shendurni	...	...	...	...	...	...	...	78	7·24
West Khandesh District.										
25	Dhulia	...	12	·18	43	·66	...	...	172	2·64
26	Nandurbar	...	15	·57	29	1·12	...	...	60	2·29
27	Sindkheda	...	...	...	...	...	...	...	10	1·83
28	Betawad	...	2	·41	1	·21	...	...	64	13·16
29	Shirpur	...	14	·99	15	1·06	...	...	33	2·32
30	Shahada	...	5	·49	...	...	...	...	86	2·58
31	Taloda	...	2	·23	23	1·79	1	·08	5	·23
32	Nawapur	...	...	...	2	·26	...	...	29	3·74

No. VI (a)—*contd.*

7		8		10		12		13		14		15	
Influenza.		Kala Azar.		Typhus.		Other Fevers.		Dysentery.		Diarrhoea.		Pneumonia.	
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
6	·00	2	·00	4	·00	790	·40	371	·21	1,096	·63	8,277	4·78
...	...	...	...	...	...	275	4·40	1	·01	43	·65	29	·46
...	...	...	...	...	...	169	11·76	...	...	10	·69	1	·06
...	...	...	...	...	...	95	11·40	...	...	9	1·08	...	...
...	...	...	...	...	...	116	8·05	14	·93	2	·13	5	·40
...	...	...	...	...	...	76	5·97	...	...	1	·07	12	·92
...	...	...	...	...	...	138	8·03	21	1·22	1	·06	...	...
...	...	...	...	...	...	148	7·10	...	...	62	3·00	2	·09
...	...	...	...	...	...	143	19·02	...	...	...	...	2	·26
...	...	...	...	...	...	249	5·59	28	·69	9	·24	17	·40
...	...	...	...	...	...	151	8·72	5	·28	12	·69	3	·17
...	...	...	...	...	...	314	11·91	25	·92	16	·60	8	·30
...	...	...	...	...	...	29	2·56	2	·17	7	·60	2	·17
...	...	...	...	...	...	65	8·89	...	...	4	·55	...	...
...	...	...	...	...	...	143	15·52	...	...	...	...	...	...
...	...	...	...	...	...	86	3·50	1	·04	25	1·05	...	...
...	...	...	...	...	...	18	2·76	...	...	...	...	3	·46
...	...	...	...	...	...	41	3·67	1	·08	29	2·50	5	·44
...	...	...	...	...	...	21	1·74	...	...	7	·59	22	1·83
...	...	...	...	...	...	251	5·90	26	·51	10	·23	65	1·29
...	...	...	...	...	...	163	21·29	1	·13	...	...	...	...
...	...	...	...	...	...	51	3·68	1	·11	11	1·30	...	...
...	...	...	...	...	...	74	8·00	...	...	6	·53	1	·10
...	...	...	...	...	...	89	3·62	...	...	1	·09	...	...
...	...	...	...	...	...	327	5·01	16	·25	48	·73	18	·26
...	...	...	...	...	...	118	4·53	2	·03	35	1·35	13	·49
...	...	...	...	...	...	114	15·22	...	...	1	·13	...	...
...	...	...	...	...	...	3	1·64	...	...	2	·41	2	·41
...	...	...	...	...	...	2	·14	...	...	5	·35	11	·78
...	...	...	...	...	...	57	5·66	...	...	4	·40	3	·30
...	...	...	...	...	...	53	4·14	...	...	26	2·03	3	·23
...	...	...	...	...	...	20	2·58	...	...	...	...	2	·26

1 No.	2 Districts and Towns.	16 Pulmonary Tuber- culosis.		17 Whooping Cough.		18 Other Respiratory diseases.		19 Beri Beri.		20 Diphtheria	
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B--TOWNS--contd.										
1	City of Bombay ...	2,154	1.24	17	.01	1,635	.94	1	.00	101	.06
	East Khandesh District.										
2	Jalgaon ...	84	1.23	...	...	80	.79	...	...	...	...
3	Nasirabad ...	8	.34	...	...	48	3.32	...	...	...	...
4	Asoda ...	26	3.12	22	2.64	...	...	...	...	...	...
5	Yawal ...	28	1.97	...	...	8	.02	...	...	...	...
6	Faizpur ...	8	.61	4	.50	27	2.09	...	...	...	...
7	Erandol ...	3	.17	...	...	27	2.12	...	...	...	...
8	Dharangaon ...	11	.55	53	2.66	23	1.10	...	...	...	...
9	Kasoda ...	1	.14	1	.14	36	4.70	...	...	...	...
10	Amalner ...	26	.61	...	...	62	1.50	...	...	...	...
11	Parola ...	3	.11	17	.28	32	2.00	...	...	...	...
12	Chalisgaon ...	13	.67	2	.07	49	1.66	...	...	...	...
13	Pachora ...	...	.60	1	.08	11	.95	...	...	...	...
14	Nagardeola ...	5	.69	4	.55	32	11.38	...	...	...	...
15	Bhadgaon ...	14	1.53	...	...	42	4.55	...	...	...	...
16	Chopda ...	21	.39	2	.08	40	1.62	...	...	...	...
17	Adavad ...	13	2.01	8	1.24	15	2.32	...	...	...	...
18	Raver ...	2	.17	...	...	17	1.42	...	...	6	.51
19	Savda ...	5	.43	13	1.08	26	2.16	...	...	...	...
20	Bhusawal ...	22	.51	...	...	52	1.22	...	...	...	...
21	Varangaon ...	10	1.20	23	3.00	1	.13	...	...	...	...
22	Bodwad ...	2	.25	...	...	35	4.16	...	...	...	...
23	Jamner ...	1	.10	1	.10	43	4.46	...	...	...	...
24	Shendurni ...	5	.46	3	.27	80	7.47	...	...	...	...
	West Khandesh District.										
25	Dhulia ...	17	1.18	12	.18	72	1.22	...	...	...	...
26	Nandurbar ...	24	1.30	2	.03	55	2.10	...	...	...	...
27	Sindkheda ...	7	.94	1	.13	37	7.61	...	...	...	...
28	Betawad ...	2	.41	1	.20	27	7.61	...	...	...	...
29	Shirpur ...	18	1.27	5	.35	69	4.85	...	...	...	...
30	Shahada ...	11	1.09	...	...	12	1.19	...	...	...	...
31	Taloda ...	14	1.09	...	...	13	1.01	...	...	...	...
32	Nawapur ...	4	.50	...	...	14	1.81	...	...	...	...

No. VI (a)—contd.

21		22		23		26		27		28	29			30	1
Chicken-pox.		Acute Polio Myelitics.		Mumps.		Leprosy.		Cancer.		Deaths from child birth.	Deaths under 1 year.			Infant mortality rate per 1,000 births.	No.
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths	Male.	Female.	Total.		
2	·00	3	·00	...	...	86	·05	394	·23	91	4,827	4,225	9,052	165·80	1
...	...	...	...	...	...	1	·01	...	...	28	115	104	219	122·01	2
...	...	...	...	...	...	2	·13	...	...	14	40	43	83	197·63	3
...	...	...	...	...	...	1	·13	...	...	5	22	26	48	157·96	4
...	...	...	...	...	...	...	...	...	...	5	17	12	29	70·21	5
...	...	...	...	...	...	3	·24	...	...	6	15	5	20	53·62	6
...	...	...	...	...	...	1	·06	...	...	7	51	39	90	152·69	7
...	...	...	...	...	...	...	...	...	...	...	58	35	94	125·34	8
...	...	...	...	...	...	...	...	...	...	4	33	27	60	204·19	9
1	·02	...	...	...	...	1	·02	1	·02	...	62	54	116	124·63	10
...	...	...	...	...	...	...	...	...	...	12	53	56	109	173·34	11
...	...	...	...	...	...	...	...	4	·19	12	80	64	144	151·09	12
...	...	...	...	...	...	...	...	...	...	3	10	5	15	106·40	13
...	...	...	...	...	...	...	...	...	...	3	30	27	57	208·04	14
...	...	...	...	...	...	1	·10	...	...	11	42	33	75	201·17	15
...	...	...	...	...	...	...	...	...	...	2	24	26	50	99·02	16
...	...	...	...	...	...	...	...	...	...	...	6	8	14	93·96	17
...	...	...	...	...	...	2	·17	...	...	6	28	22	50	101·65	18
...	...	...	...	...	...	6	·49	...	...	9	25	23	48	148·13	19
...	...	...	...	...	...	...	...	...	...	21	66	50	116	95·88	20
...	...	...	...	...	...	3	·39	...	...	4	22	25	47	143·78	21
...	...	...	...	...	...	2	·25	...	...	...	12	7	19	92·23	22
...	...	...	...	...	...	1	·10	...	...	5	21	14	35	119·91	23
...	...	...	...	...	...	...	...	...	...	4	27	15	42	109·62	24
...	...	...	...	...	...	...	...	7	·10	36	144	123	267	165·94	25
...	...	...	...	...	...	...	...	2	·08	14	78	55	133	176·63	26
...	...	...	...	...	...	...	...	...	...	5	31	27	58	203·51	27
...	...	...	...	...	...	1	·20	...	...	...	13	17	30	184·62	28
...	...	...	...	...	...	...	...	1	·07	...	42	29	71	147·00	29
...	...	...	...	...	...	2	·20	2	·20	10	21	12	33	204·97	30
...	...	...	...	...	...	...	...	...	...	6	41	27	68	174·81	31
...	...	...	...	...	...	1	·13	...	...	...	19	14	33	114·53	32

1 No	2 Districts and Towns.			3 Enteric Fever.		4 Measles.		5 Cerebro- spinal Fever.		6 Malaria.	
				Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS—contd.										
	<i>Surat District.</i>										
33	Surat	...	...	58	·31	127	·68	1	·01	314	1·69
34	Bander	...	...	1	·06	...	...	...	...	...	...
35	Bardoli	...	...	1	·12	...	...	...	...	...	...
36	Bulsar	...	...	10	·41	2	·08	...	...	8	·33
37	Pardi	...	...	1	·14	...	...	...	...	...	...
	<i>Broach District.</i>										
38	Broach	...	...	14	·20	22	·31	1	·01	1	·01
39	Amod	...	...	...	...	...	...	...	...	...	...
40	Jambusar	...	...	2	·12	6	·37	...	...	...	...
41	Ankleshwar	...	...	3	·18	4	·25	...	...	...	...
42	Hansot	...	...	...	...	...	...	...	...	...	...
	<i>Kaira District.</i>										
43	Kaira	...	...	...	...	3	·39	...	...	...	...
44	Mehmedabad	...	...	...	...	1	·12	...	...	...	...
45	Nadiad	...	...	...	...	9	·16	1	·02	4	·07
46	Mahudha	...	...	...	...	...	...	...	...	...	...
47	Borsad	...	...	1	·05	1	·05	1	·05	...	...
48	Anand	...	...	8	·38	...	...	2	·09	2	·09
49	Umreth	...	...	...	...	2	·11	...	...	...	...
50	Dakore	...	...	...	...	1	·09	...	...	16	1·40
51	Kapadvanj	...	...	3	·13	4	·17	1	·04	1	·04
52	Matar	...	...	...	...	...	...	...	...	...	...
	<i>Panch Mahals District.</i>										
53	Godhra	...	...	3	·06	...	...	2	·04	1	·02
54	Dohad	...	...	...	...	8	·63	...	...	1	·08
55	Jhalod	...	...	...	...	...	...	...	...	...	...
56	Kalol	...	...	...	...	...	...	...	...	...	...
57	Halol	...	...	...	...	3	·48	...	...	...	...

No. VI (a) — contd.

7		8		10		12		13		14		15	
Influenza.		Kala Azar.		Typhus.		Other Fevers.		Dysentery.		Diarrhoea.		Pneumonia.	
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
...	...	...	...	...	...	661	3.55	25	.13	164	.88	348	1.87
...	...	...	...	...	...	149	9.03	...	...	2	.12	1	.06
1	.12	...	...	...	...	19	2.27	2	.24	...	...	45	5.39
...	...	...	...	...	...	21	.85	1	.04	10	.41	14	.57
...	...	...	...	...	...	46	6.43	...	...	...	...	2	.28
...	...	...	...	...	...	345	4.82	2	.03	11	.15	14	.19
...	...	...	...	...	...	54	6.42	...	...	...	...	...	...
...	...	...	...	...	...	200	12.44	1	.06	7	.43	10	.62
...	...	...	...	...	...	239	14.83	...	...	2	.12	8	.50
...	...	...	...	...	...	58	9.56	...	...	...	...	...	...
...	...	...	...	...	...	99	12.93	...	...	2	.26	2	.26
...	...	...	...	...	...	117	14.01	2	.24	6	.72	...	...
...	...	...	...	...	...	795	14.39	6	.11	23	.42	12	.22
...	...	...	...	...	...	138	15.69	...	...	...	...	...	...
...	...	...	...	...	...	283	14.38	3	.15	11	.56	1	.05
...	...	...	...	...	...	134	6.32	1	.06	15	.71	36	1.70
...	...	...	...	...	...	242	13.05	...	...	2	.11	...	...
...	...	...	...	...	...	99	8.69	1	.09	11	.96	19	1.67
...	...	...	...	...	...	160	6.92	4	.17	22	.95	3	.13
...	...	...	...	...	...	20	4.54	...	...	...	...	1	.22
1	.02	...	...	...	...	160	3.40	7	.15	4	.09	4	.09
...	...	...	...	...	...	228	18.00	4	.82	22	1.74	10	.79
...	...	...	...	...	...	57	6.25	...	...	3	.33	1	.17
...	...	...	...	...	...	35	7.84	...	...	1	.14	3	.43
...	...	...	...	...	...	51	7.26	3	.43	3	.43	...	...

1 No.	2 Districts and Towns.	16 Pulmonary Tuber- culosis.		17 Whooping Cough.		18 Other Respiratory diseases.		19 Beri Beri.		20 Diphtheria.	
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS—contd.										
	<i>Surat District.</i>										
33	Surat ...	345	1·85	3	·02	363	1·95	...	...	1	·01
34	Rander ...	29	1·76	...	...	...	...	...	...	...	...
35	Bardoli ...	8	·96	...	...	9	1·08	...	...	...	...
36	Bulsar ...	11	·45	...	...	35	1·42	...	...	...	...
37	Pardi ...	5	·70	...	...	6	·84	...	...	...	...
	<i>Broach District.</i>										
38	Broach ...	55	·77	...	...	119	1·65	...	...	...	...
39	Amod ...	2	·23	...	...	8	·92	...	...	...	...
40	Jambusar ...	35	2·17	...	...	4	·24	...	...	...	...
41	Ankleshwar ...	13	·81	3	·19	1	·06	...	...	1	·06
42	Hansot ...	1	·17	...	...	1	·17	...	...	...	...
	<i>Kaira District.</i>										
43	Kaira ...	15	1·96	1	·13	17	2·22	...	...	...	...
44	Mehmedabad ...	20	2·39	...	...	23	2·75	...	...	...	...
45	Nadiad ...	68	1·23	5	·09	1	·02	...	...	...	...
46	Mahudha ...	10	1·14	1	·11	46	5·23	...	...	...	...
47	Borsad ...	21	1·07	...	...	5	·25	...	...	...	...
48	Anand ...	43	2·03	1	·05	9	·42	...	...	1	·05
49	Umreth ...	18	·70	...	...	53	2·86	...	...	...	...
50	Dakore ...	14	1·23	...	...	59	5·18	...	...	...	...
51	Kapadvanj ...	33	1·45	2	·09	29	1·25	...	...	3	·13
52	Matar ...	13	2·95	...	...	33	7·49	...	...	...	...
	<i>Panch Mahals District.</i>										
53	Godhra ...	11	·23	2	·04	1	·02	1	·02	...	...
54	Dohad ...	16	1·26	4	·32	10	·79	...	...	...	...
55	Jhalod ...	...	...	...	...	6	·66	...	...	...	...
56	Kalol ...	7	1·00	...	...	5	·71	...	...	...	...
57	Halol ...	2	·28	...	...	2	·28	...	...	...	...

No. VI (a)—contd.

21		22		23		25		27		28	29			30	31
Chicken-pox.		Acute Polio Myelities.		Mumps.		Leprosy.		Cancer.		Deaths from child birth.	Deaths under 1 year.			Infant mortality rate per 1,000 births.	No.
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.		Male.	Female.	Total.		
6	·03	...	...	...	...	2	·02	82	·44	37	713	634	1,347	168·37	33
...	...	...	...	...	...	...	...	1	·06	5	33	22	55	101·29	34
...	...	...	...	...	...	...	...	1	·12	2	22	16	38	125·41	35
...	...	...	...	...	...	...	...	...	...	7	22	20	42	38·18	36
...	...	...	...	...	...	...	...	2	·28	2	13	6	19	60·20	37
...	...	...	...	...	...	...	...	2	·03	21	174	173	347	123·92	38
...	...	...	...	...	...	...	...	2	·23	2	6	5	11	60·43	39
...	...	...	...	...	...	...	...	2	·11	...	46	38	84	145·58	40
...	...	...	...	...	...	...	...	2	·12	...	39	35	79	131·43	41
...	...	...	...	...	...	...	...	...	...	...	3	1	4	20·20	42
...	...	...	...	...	...	...	...	2	·26	5	31	21	52	166·13	43
...	...	...	...	...	...	...	...	2	·24	...	45	27	72	164·76	44
...	...	...	...	...	...	...	...	7	·13	13	199	177	376	163·05	45
...	...	...	...	...	...	...	...	...	...	2	25	33	58	146·84	46
...	...	...	...	...	...	...	...	...	...	1	71	55	126	124·02	47
...	...	...	...	...	...	...	...	4	·19	4	41	48	89	95·91	48
...	...	...	...	...	...	...	...	...	...	6	84	93	177	206·53	49
...	...	...	...	...	...	...	...	...	...	...	44	41	85	217·94	50
...	...	...	...	...	...	...	...	1	·04	7	64	71	135	146·58	51
...	...	...	...	...	...	...	...	...	...	2	11	11	22	149·66	52
...	...	...	...	1	·02	...	...	4	·09	7	30	24	54	76·37	53
...	...	...	...	...	...	...	...	...	...	9	57	41	98	113·68	54
...	...	...	...	...	...	...	...	...	...	3	5	5	10	51·81	55
...	...	...	...	...	...	...	...	...	...	...	5	6	11	55·00	56
...	...	...	...	...	...	...	...	...	...	1	7	9	16	68·37	57

VI (a)—contd.

7		8		10		12		13		14		15	
Influenza.		Kala Azar.		Typhus.		Other Fevers.		Dysentery.		Diarrhoea.		Pneumonia.	
Ratio.		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
...		...		...		7,095	10.10	64	.09	187	.26	447	.64
...		...		...		202	15.94	...	...	1	.08	...	...
...		...		...		31	7.66	...	...	...	...	...	...
...		...		...		44	5.80	3	.36	2	.25	6	.73
...		...		...		75	7.68	2	.20	...	...	...	...
...		...		...		365	11.48	5	.16	19	.60	20	.63
...		...		...		42	6.83	3	.49	1	.16	3	.49
...		...		...		65	8.20	1	.13	...	...	...	...
...		...		...		5	.56	...	...	1	.11	9	1.01
...		...		...		182	13.29	...	...	...	...	1	.07
...		...		...		2	.10	6	.32	25	1.27	6	.32
...		...		...		13	3.77	3	.87	...	...	1	.29
...		...		...		117	1.85	15	.24	64	1.01	99	1.57
...		...		...		16	1.19	...	...	10	.74	1	.07
...		...		...		19	1.30	7	.48	5	.34	20	1.37
...		...		...		2	.23	3	.34	...	...	4	.46
...		...		...		11	1.10	...	...	11	1.10	1	.10
...		...		...		1	.14	...	...	5	.72	4	.57
...		...		...		11	.48	...	...	...	...	...	...
...		...		...		9	1.06	...	...	8	.94	...	...
...		...		...		466	1.65	62	.22	337	1.18	311	1.09
...		...		...		155	6.91	4	.18	26	1.16	25	1.15
...		...		...		2	.15	1	.08	5	.49	1	.08
...		...		...		50	2.86	4	.23	20	1.14	13	.74
...		...		...		32	2.91	4	.36	11	1.00	11	1.00
...		...		...		37	1.07	7	.20	17	.49	24	.70
...		...		...		41	1.97	8	.38	34	1.63	42	2.01
...		...		...		15	5.89	2	.78	5	1.96	1	.39
...		...		...		6	1.28	1	.21	4	.85	...	...
...		...		...		8	2.48	...	...	2	.61	2	.61
...		...		...		17	2.84	1	.17	1	.17	3	.50
...		...		...		24	6.09	...	...	8	2.03	1	.25
...		...		...		23	5.73	...	...	...	...	2	.50

1	2	15		17		18		19		20	
		Pulmonary Tuber- culosis.		Whooping Cough.		Other Respiratory Diseases.		Beri Beri.		Diphther	
No.	Districts and Towns.	Deaths.	Ratio.	Deaths,	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B--TOWNS--contd.										
	<i>Ahmedabad District.</i>										
58	Ahmedabad ...	352	·50	46	·07	220	2·88	...	...	10	...
59	Dhandhuka ...	11	·86	3	·24	24	1·89	...	...	...	...
60	Dholera ...	8	1·93	...	...	10	2·47	...	...	...	...
61	Ranpur ...	5	·60	1	·12	24	2·89	...	...	...	...
62	Sanand ...	8	·82	...	...	48	4·92	...	...	...	...
63	Viramgam ...	33	1·04	3	·10	142	4·46	...	...	...	...
64	Mandal ...	11	1·80	1	·16	8	1·31	...	...	...	...
65	Patdi ...	12	1·52	...	...	4	·50	...	...	...	...
66	Prantij ...	13	1·45	11	1·23	30	3·23	...	...	...	...
67	Modasa ...	2	·15	1	·07	4	·30	...	...	...	...
68	Dholka ...	17	·85	...	...	20	1·01	...	...	...	...
69	Ahmedabad Canton- ment.	3	·87	...	...	6	1·74	...	...	...	...
	<i>Ahmednagar District.</i>										
70	Ahmednagar City ...	106	1·68	1	...	89	1·40	...	...	...	...
71	Sangamner ...	11	·82	...	...	10	·74	...	...	...	...
72	Ahmednagar Can- tonment.	19	1·30	...	...	15	1·03	...	...	2	...
73	Shrigonda ...	9	1·04	1	·12	17	1·97	...	...	...	...
74	Kopargaon ...	7	·70	...	...	2	·20	...	...	...	...
75	Belapur and Ainat- pur.	2	·20	...	...	9	1·30	...	...	...	...
76	Pathardi ...	16	2·07	...	...	48	6·23	...	...	...	...
77	Shrirampur ...	6	·71	...	...	5	·58	...	...	...	...
	<i>Poona District.</i>										
78	Poona City ...	315	1·10	...	...	1,140	4·00	...	...	...	...
79	Poona Suburban ...	18	·80	7	·31	56	2·49	...	...	...	...
80	Junnar ...	8	·63	...	...	2	·15	...	...	...	...
81	Baramati ...	13	·74	7	·40	30	1·72	...	...	...	...
82	Lonavla ...	12	1·00	2	·18	15	1·36	...	...	...	...
83	Poona Cantonment...	32	·93	4	·12	62	1·80	...	...	...	...
84	Kirkee Cantonment.	29	1·44	13	·62	40	1·92	...	...	...	...
85	Alandi ...	2	·78	...	...	4	1·57	...	...	...	...
86	Indapur ...	1	·21	2	·43	5	1·06	...	...	...	...
87	Jejuri ...	2	·61	1	·32	13	4·02	...	...	...	...
88	Saswad ...	10	1·67	...	...	25	4·17	...	...	...	...
89	Sirur ...	7	1·78	...	...	6	1·52	...	...	...	...
90	Talegaon Dabhade ...	...	...	1	·25	4	·90	...	...	...	...

No. VI (a)—contd.

21		22		23		26		27		28	29			30	1
Chicken-pox.		Acute Polio myelities.		Mumps.		Leprosy.		Cancer.		Deaths from child birth.	Deaths under 1 year.			Infant mortality rate per 1,000 births.	No.
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.		Male.	Female.	Total.		
6	·03	...	...	...	...	2	·02	82	·44	37	713	634	1,347	168·37	58
...	...	...	...	...	...	...	...	1	·06	5	33	22	55	101·29	59
...	...	...	...	...	...	...	...	1	·12	2	22	16	38	125·41	60
...	...	...	...	...	...	...	...	1	·12	...	24	17	41	133·99	61
...	...	...	...	...	...	...	...	2	·20	...	15	8	23	78·77	62
1	·03	...	...	...	...	...	...	4	·13	13	118	133	251	391·54	63
...	...	...	...	...	...	...	...	1	·16	2	17	13	30	136·99	64
...	...	...	...	...	...	...	...	...	...	1	17	10	27	112·50	65
...	...	...	...	...	...	...	...	1	·11	...	28	27	55	153·20	66
...	...	...	...	...	...	...	...	...	...	1	27	23	50	149·70	67
...	...	...	...	...	...	...	...	...	...	...	66	58	124	127·17	68
...	...	...	...	...	...	...	...	...	...	...	2	3	5	61·73	69
...	...	...	...	...	...	2	·03	12	·19	10	161	139	300	96·98	70
...	...	...	...	...	...	...	...	...	...	...	11	7	18	88·24	71
...	...	...	...	...	...	1	·07	1	·07	2	22	14	36	94·98	72
...	...	...	...	...	...	...	...	...	...	...	2	...	2	15·26	73
...	...	...	...	...	...	...	...	...	...	...	9	7	16	126·98	74
...	...	...	...	...	...	...	...	...	...	...	2	3	5	48·03	75
...	...	...	...	...	...	...	...	...	...	3	7	2	10	65·36	76
...	...	...	...	...	...	...	...	...	...	...	9	6	15	120·96	77
2	...	...	...	...	...	...	...	1	...	19	1,127	968	2,095	209·99	78
1	·04	...	...	...	...	...	...	1	·04	...	58	50	108	309·99	79
4	·32	...	...	...	...	...	...	...	...	...	7	5	12	39·99	80
...	...	...	...	...	...	...	...	...	...	1	23	17	40	88·10	81
...	...	...	...	...	...	...	...	...	...	...	19	9	28	96·38	82
...	...	...	...	...	...	...	...	4	·12	...	24	17	41	37·68	83
...	...	...	...	...	...	...	...	...	...	6	68	63	131	151·75	84
...	...	...	...	...	...	...	...	...	...	...	2	8	10	103·09	85
...	...	...	...	...	...	...	...	...	...	...	3	1	4	51·28	86
...	...	...	...	...	...	...	...	...	...	...	3	1	4	41·23	87
...	...	...	...	...	...	1	·17	...	...	...	6	3	9	74·38	88
...	...	...	...	...	...	...	...	...	...	...	9	3	12	77·92	89
...	...	...	...	...	...	...	...	...	...	...	7	6	13	92·25	90

1 No.	2 Districts and Towns.			3 Enteric Fever.		4 Measles.		5 Cerebro Spinal Fever.		6 Malaria.	
				Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B--TOWNS--contd.										
	<i>Nasik District.</i>										
91	Násik	...	...	16	.28	...	...	...	...	195	3.41
92	Trimbak	...	...	8	.70	...	...	...	...	10	2.82
93	Bhagar	...	...	...	...	...	...	...	...	53	7.87
94	Sinnar	...	...	...	...	...	...	...	...	33	2.82
95	Igatpuri	...	...	2	.24	...	...	...	...	13	1.59
96	Manmad	...	...	...	...	...	...	...	...	15	.89
97	Nandgaon	...	...	2	.25	...	...	...	...	39	8.90
98	Yeola	...	...	...	...	...	...	...	...	30	1.59
99	Málegaon	...	...	...	...	19	.45	...	...	59	1.40
100	Deolali Cantonment ...	...	...	3	.23	...	...	...	...	5	.39
	<i>Thana District.</i>										
101	Bassein	...	..	6	.40	...	...	...	...	2	.14
102	Bhiwandi	...	...	9	.43	...	...	...	...	2	.10
103	Thana	...	...	33	.93	...	...	...	...	23	.83
104	Kalyán	...	..	22	.63	...	...	...	...	9	.26
105	Palghar	...	...	5	1.13	...	...	...	...	4	.91
	<i>Bombay Suburban District.</i>										
106	Bandra	...	...	15	.60	3	.03	...	...	10	.11
107	Kurla	...	...	5	.10	...	...	...	...	...	...
108	Ghatkoper	...	...	8	.81	1	.03	...	...	...	...
109	Juhu	...	...	3	.60	...	...	...	...	...	...
110	Malad	...	...	9	.58	...	...	...	...	20	.21
111	Vile Parle	...	...	13	.32	1	.02	...	...	36	.6
	<i>Kolaba District.</i>										
112	Alibág	...	..	4	.60	1	.15	...	...	1	.1
113	Pen	...	...	5	.60	1	.12	...	...	1	.1
114	Roha	...	...	...	...	...	...	...	...	...	...
115	Mahád	...	..	1	.12	2	.23	...	...	4	.4
116	Panvel	...	..	5	.89	8	.62	...	...	8	.8
117	Uran	...	..	6	.90	1	.15	...	...	8	1.4
118	Matheran	...	..	1	.36	...	...	...	...	...	...

No. VI (a)---contd.

7		8		10		12		13		14		15	
Influenza.		Kala Azar.		Typhus.		Other Fevers.		Dysentery.		Diarrhœa.		Pneumonia.	
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
...	...	...	...	...	...	192	3.35	26	.45	93	1.62	116	2.03
...	...	...	...	...	...	12	2.79	8	1.86	5	1.16	2	.46
...	...	...	...	...	...	9	1.32	1	.15	4	.59	4	.59
...	...	...	...	...	...	37	3.16	1	.03	3	.26	...	...
...	...	...	...	...	...	29	3.55	1	.12	2	.24	1	.12
...	...	...	...	...	...	61	3.62	...	...	9	.53	1	.06
...	...	...	...	...	...	28	8.52	1	.13	9	1.13	...	...
...	...	...	...	...	...	163	3.65	18	.96	20	1.06	17	.90
...	...	...	...	...	...	506	12.00	25	.59	65	1.57	26	.62
...	...	...	...	...	...	12	.93	...	...	1	.08	10	.77
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	35	2.35	5	.34	1	.07	8	.54
...	...	...	...	...	...	33	1.80	7	.33	2	.10	3	.14
...	...	...	...	...	...	179	5.03	8	.22	18	.51	37	1.04
...	...	...	...	...	...	84	2.39	31	.88	15	.43	22	.63
...	...	...	...	...	...	28	6.35	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	244	2.68	70	.76	58	.64	84	.92
...	...	...	...	...	...	124	2.72	5	.11	39	.86	4	.09
...	...	...	...	...	...	182	7.13	8	.31	13	.50	23	.90
...	...	...	...	...	...	8	1.60	1	.20	...	...	3	.60
...	...	...	...	...	...	39	2.51	2	.12	...	...	87	5.61
...	...	...	...	...	...	64	1.17	30	.55	4	.07	31	.56
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	14	2.15	2	.30	1	.15	6	.90
...	...	...	...	...	...	24	2.88	...	...	4	.48	3	.36
...	...	...	...	...	...	37	5.63	2	.32	1	.15	...	...
...	...	...	...	...	...	36	4.21	4	.46	3	.34	5	.59
...	...	...	...	...	...	60	4.66	9	.70	2	.16	11	.85
...	...	...	...	...	...	12	1.80	2	.30	1	.15	5	.75
...	...	...	...	...	...	9	3.20	...	...	1	.36	7	2.44

1 No.	2 Districts and Towns.	16 Pulmonary Tuber- culosis.		17 Whooping Cough.		18 Other Respiratory diseases.		19 Beri Beri.		20 Diphtheria.	
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS—contd.										
	<i>Nasik District.</i>										
91	Násik ...	140	2.45	26	.45	593	10.36	...	...	...	...
92	Trimbak ...	7	1.63	2	.46	39	9.06	...	...	...	...
93	Bhagar ...	5	.74	6	.89	49	7.27	...	...	...	...
94	Sinnar ...	8	.68	...	...	49	4.19	...	...	...	...
95	Igatpuri ...	6	.73	...	...	60	7.34	...	...	...	...
96	Manmad ...	27	1.60	...	...	59	3.50	...	...	...	...
97	Nandgaon ...	3	.38	...	...	35	4.40	...	...	...	...
98	Yeola ...	26	1.38	2	.11	141	7.49	...	...	...	...
99	Málegaon ...	44	1.04	1	.02	108	2.56	...	...	...	...
100	Deolali Cantonment.	3	.23	2	.15	29	2.24	...	...	...	...
	<i>Thana District.</i>										
101	Bassein ...	10	.87	1	.07	6	.40	...	...	...	...
102	Bhiwandi ...	11	.52	7	.33	11	.52	...	...	...	...
103	Thána ...	50	1.41	1	.03	10	.28	...	...	...	...
104	Kalyán ...	52	1.48	7	.20	31	.88	...	...	...	...
105	Palghar ...	1	.23	...	...	1	.23	...	...	...	...
	<i>Bombay Suburban District.</i>										
106	Bandra ...	12	.13	14	.15	574	6.29	...	...	...	...
107	Kurla ...	66	1.45	8	1.17	126	2.77	...	...	...	...
108	Ghatkoper ...	66	1.45	8	.17	126	2.77	...	...	...	...
109	Juhu ...	...	...	2	.40	11	2.20	...	...	...	...
110	Malad ...	21	1.37	13	.83	100	6.45	...	...	...	...
111	Vile Parle ...	34	.62	...	...	102	1.86	...	...	...	...
	<i>Kolaba District.</i>										
112	Alibág ..	13	1.97	1	.15	18	2.19	...	...	...	...
113	Pen ...	8	.96	...	...	10	1.20	...	...	...	...
114	Roha ...	18	2.84	...	...	6	.95	...	...	...	...
115	Mahád ..	17	1.99	...	...	28	3.27	...	...	...	...
116	Fanvel ...	27	2.10	1	.08	46	3.58	...	...	...	...
117	Uran ...	9	1.35	2	.38	17	2.54	...	...	...	...
118	Matheran ...	14	4.48	...	...	11	3.91	...	...	...	...

o. VI (a)—*contd.*

21	22		23		26		27		28	29			30	1
	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.		Deaths under 1 year.	Male.	Female.	Total.	
Chicken-pox.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths from child birth.	Deaths under 1 year.	Male.	Female.	Total.	No.
39	68	...	...	...	4	07	5	07	...	203	146	349	159.77	90
1	23	...	...	...	...	...	...	...	...	16	13	29	170.59	91
...	...	...	...	...	...	...	2	30	2	6	10	16	216.22	92
...	...	...	...	...	...	...	...	...	...	9	6	15	55.15	93
...	...	...	...	...	...	...	...	...	...	9	7	16	53.87	94
4	24	...	...	...	2	12	...	...	...	17	19	36	109.76	95
2	25	...	...	...	...	...	...	...	...	12	9	21	84.83	96
7	37	...	...	...	2	11	...	...	...	54	67	121	182.22	97
6	14	...	...	...	...	...	...	...	8	126	85	211	147.72	98
...	...	...	...	...	...	...	1	08	...	7	8	15	36.49	99
...	...	...	...	...	1	07	1	07	...	11	9	20	80.86	100
...	...	...	...	...	...	...	...	...	...	16	16	32	161.61	101
...	...	...	...	...	2	06	8	22	...	83	78	161	155.10	102
...	...	...	...	...	...	...	3	09	...	45	43	88	87.12	103
...	...	...	...	...	...	...	...	...	...	6	1	7	40.12	104
...	...	...	...	...	...	...	8	08	1	227	175	402	118.86	105
...	...	...	...	...	...	...	2	04	1	53	49	102	79.62	106
...	...	...	...	...	...	...	1	04	5	67	52	119	187.40	107
...	...	...	...	...	...	...	1	20	...	5	5	10	169.49	108
...	...	...	...	...	...	...	3	19	...	32	46	78	204.72	109
...	...	...	...	...	...	...	9	16	...	48	31	79	61.62	110
...	...	...	...	...	...	...	2	30	...	17	10	27	65.01	111
...	...	...	...	...	1	12	...	...	...	1	5	6	21.80	112
...	...	...	...	...	...	...	1	15	...	3	8	11	83.96	113
...	...	...	...	...	...	...	1	12	...	13	4	17	60.71	114
...	...	...	...	...	...	...	...	...	1	12	23	35	122.40	115
...	...	...	...	...	3	45	2	30	...	13	8	21	137.94	116
...	...	...	...	...	...	...	...	...	...	8	6	14	140.00	117

1 No.	2 Districts and Towns.			3 Enteric Fever.		4 Measles.		5 Cerebro- spinal Fever.		6 Malaria.	
				Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B-TOWNS—contd.										
	<i>Ratnagiri District.</i>										
119	Ratnagiri	...	...	11	·59	11	·59	...	...	...	...
120	Vangurle	...	...	2	·17	...	...	...	...	...	...
121	Málwan	...	...	6	·40	...	...	...	...	...	...
122	Chiplun	...	...	3	·19	4	·25	...	...	...	...
123	Rajapur	...	...	5	·50	...	...	...	...	...	...
	<i>Belgaum District.</i>										
124	Belgaum	...	...	21	·30	32	·45	...	...	21	·30
125	Gokák	...	...	2	·13	...	...	...	...	17	1·1
126	Athani	...	...	1	·07	3	·21	...	...	1	·0
127	Nipáni	...	...	8	·52	5	·32	...	...	7	·4
128	Bail-Hongal	...	...	2	·17	4	·34	...	...	...	...
129	Chikodi	...	...	24	2·24	8	·75	...	...	7	·6
130	Khanapur	...	...	7	1·21	...	...	...	...	17	2·9
131	Saundatti Yellama	...	...	5	·51	3	·30	...	...	5	·5
132	Belgaum Cantonment	...	...	...	...	...	...	...	...	1	·0
	<i>Dharwar District.</i>										
133	Dhárwár	...	...	16	·30	11	·21	...	...	19	·3
134	Hubli	...	...	25	·27	17	·16	...	...	28	·2
135	Gadag-Bettigeri	...	...	15	·23	19	·30	...	...	45	·7
136	Ranebennur	...	...	1	·06	...	...	...	...	1	·0
137	Nawalgund	...	...	9	·116	...	...	...	...	1	·1
138	Annigeri	...	...	2	·24	2	·24	...	...	1	·1
139	Bankapur	...	...	...	...	4	·52	...	...	...	...
140	Byadgi	...	...	2	·20	4	·40	...	...	8	·8
141	Hangal	...	...	2	·27	...	...	...	...	4	·4
142	Haveri	...	...	6	·47	6	·47	...	...	8	·6
143	Nargund	...	...	1	·10	3	·30	...	...	...	...
144	Ron	...	...	...	...	...	...	...	...	...	...
145	Shiggaon	...	...	23	1·42	...	...	...	...	...	...
146	Tuminakatti	...	...	1	·20	...	...	...	...	14	2·

No. VI (a)—contd.

7		8		10		12		13		14		15	
Influenza.		Kala Azar.		Typhus.		Other Fevers.		Dysentery.		Diarrhoea.		Pneumonia.	
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
...	...	...	...	...	...	132	7.12	1	.06	4	.22	2	.10
...	...	...	...	...	...	48	4.16	...	...	...	...	1	.08
...	...	...	...	...	...	68	4.51	1	.06	3	.20	3	.20
...	...	...	...	...	...	62	3.86	...	...	6	.37	2	.12
...	...	...	...	...	...	44	5.45	...	...	2	.20	2	.20
...	...	...	...	...	...	151	2.13	5	.07	56	.76	38	.04
...	...	...	...	...	...	93	6.09	...	...	32	2.08	...	...
...	...	...	...	...	...	68	4.87	...	...	17	1.22	...	...
...	...	...	...	...	...	22	1.44	2	.14	35	2.29	11	.72
...	...	...	...	...	...	54	4.53	...	...	13	1.09	1	.08
...	...	...	...	...	...	9	.84	...	...	12	1.12	11	1.03
...	...	...	...	...	...	2	.34	...	...	3	.52	4	.69
...	...	...	...	...	...	22	2.23	...	...	6	.61	2	.20
...	...	...	...	...	...	10	.53	2	.10	2	.10	4	.21
...	...	...	...	...	...	62	1.17	27	.51	19	.35	18	.33
...	...	...	...	...	...	261	2.50	40	.38	29	.28	15	.11
...	...	...	...	...	...	405	6.33	4	.06	53	.63	22	.34
...	...	...	...	...	...	115	6.60	...	...	9	.51	1	.06
...	...	...	...	...	...	62	8.02	...	...	11	1.42	1	.13
...	...	...	...	...	...	66	7.76	...	...	23	2.70	1	.19
...	...	...	...	...	...	17	2.19	...	...	...	...	...	...
...	...	...	...	...	...	51	5.10	...	...	4	.40	2	.20
...	...	...	...	...	...	41	5.44	...	...	1	.13	1	.13
...	...	...	...	...	...	26	2.05	...	...	3	.24	4	.32
...	...	...	...	...	...	44	4.41	...	...	20	2.00	...	...
...	...	...	...	...	...	66	8.18	...	...	...	...	...	...
...	...	...	...	...	...	1	.06	...	...	1	.06	...	...
...	...	...	...	...	...	8	1.58	...	...	...	...	1	.20

1 No.	2 Districts and Towns.	16 Pulmonary Tuber- culosis.		17 Whooping Cough.		18 Other Respiratory diseases.		19 Beri Beri.		20 Diphtheri	
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS— <i>contd.</i>										
	<i>Ratnagiri District.</i>										
119	Ratnágiri ...	39	2.10	3	.16	92	4.97	...	...	...	...
120	Vengurla ..	10	.86	3	.26	61	5.28	...	...	...	...
121	Málwan ..	14	.92	12	.79	76	5.03	...	...	...	...
122	Chiplun ...	29	1.80	7	.44	39	2.42	...	...	...	...
123	Rajapur ...	14	1.41	7	.71	23	2.32	...	...	...	...
	<i>Belgaum District.</i>										
124	Belgaum ..	123	1.24	...	...	81	1.14	...	...	1	.01
125	Gokák ...	28	1.83	...	...	24	1.57	...	...	...	...
126	Athani ...	18	1.26	...	...	71	5.09	...	...	...	...
127	Nipáni ...	40	2.61	3	.19	29	1.90	...	...	...	...
128	Bail-Hongal ...	11	.92	...	...	25	2.11	...	...	...	...
129	Chikodi ..	20	1.87	1	.09	13	1.21	...	...	...	...
130	Khanapur ...	5	.80	...	...	4	.69	...	...	...	...
131	Saundatti Yellama ...	9	.91	1	.10	14	1.42	...	...	...	...
132	Belgaum Canton- ment.	3	.16	1	.05	4	.21	...	...	...	...
	<i>Dharwar District</i>										
133	Dhárwár ..	72	1.35	1	.02	56	1.07	...	...	...	...
134	Hubli ..	106	1.02	...	...	121	1.16	...	...	1	.00
135	Gadag-Bettigeri ..	84	1.31	2	.03	86	1.34	...	...	...	...
136	Ranebennur ..	31	1.78	...	...	53	3.04	...	...	...	...
137	Nawalgund ..	10	1.29	...	...	13	1.68	...	...	...	...
138	Annigeri ..	12	1.41	3	.36	22	2.59	...	...	...	...
139	Bankapur ..	3	1.03	...	...	26	3.35	...	...	...	...
140	Byadgi ..	13	1.30	...	...	18	1.80	...	...	...	...
141	Hangal ..	5	.66	...	...	25	3.32	...	...	...	...
142	Haveri ..	9	.71	...	...	22	1.73	...	...	...	...
143	Nargund ..	27	2.70	...	...	12	1.20	...	...	...	...
144	Ron ..	14	1.74	...	...	28	3.47	...	...	...	...
145	Shiggaon ..	5	.31	...	...	20	1.23	...	...	...	...
146	Taminakatti ..	6	1.18	...	...	7	1.38	...	...	...	...

No. VI (a)—*contd.*

21		22		23		26		27		28	29			30	1
Chicken-pox.		Acute Polio-myelitics.		Mumps.		Leprosy.		Cancer.		Deaths from child birth.	Deaths under 1 year.			Infant mortality rate per 1,000 births.	No.
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths child birth.	Male.	Female.	Total.		
...	...	...	...	...	...	...	...	1	·06	1	25	11	36	36·54	119
...	...	...	...	...	...	1	·09	...	...	...	18	10	28	57·89	120
...	...	...	...	...	...	...	...	2	·13	...	24	13	37	54·81	121
...	...	...	...	...	...	...	...	...	...	1	15	6	21	50·48	122
...	...	...	...	...	...	...	...	1	·10	1	10	5	15	68·66	123
...	...	...	...	...	...	...	...	9	·12	20	102	76	178	81·68	124
...	...	...	...	...	...	1	·06	2	·13	7	26	17	43	81·91	125
...	...	...	...	...	...	...	...	...	...	5	27	12	39	90·49	126
...	...	...	...	...	...	...	...	5	·33	8	61	36	97	99·08	127
...	...	...	...	...	...	1	·08	...	...	4	32	15	47	105·62	128
...	...	...	...	...	...	...	...	...	...	2	38	25	63	123·05	129
...	...	...	...	...	...	...	...	1	·17	5	9	4	13	79·27	130
...	...	...	...	...	...	1	·10	...	...	5	9	10	19	62·58	131
...	...	...	...	...	...	...	...	1	·05	1	8	8	16	70·18	132
...	...	...	...	...	...	...	...	6	·11	14	73	61	134	79·10	133
...	...	...	...	...	...	1	·00	6	·06	38	117	71	188	56·04	134
...	...	...	...	...	...	2	·03	5	·08	40	162	168	330	200·73	135
...	...	...	...	...	...	3	·17	...	...	4	26	20	46	54·81	136
...	...	...	...	...	...	...	...	1	·13	4	17	8	25	113·63	137
...	...	...	...	...	...	...	...	1	·12	2	35	26	61	165·76	138
...	...	...	...	...	...	...	...	...	...	1	16	9	25	77·65	139
...	...	...	...	...	...	...	...	...	...	...	29	18	47	132·02	140
...	...	...	...	...	...	...	...	...	...	4	8	6	14	52·04	141
...	...	...	...	...	...	1	·08	1	·08	2	12	18	30	70·09	142
...	...	...	...	...	...	...	...	...	...	1	19	16	35	94·35	143
...	...	...	...	...	...	1	·12	...	...	1	30	20	50	144·09	144
...	...	...	...	...	...	...	...	...	...	...	12	9	21	77·78	145
...	...	...	...	...	...	...	...	...	...	...	12	8	20	105·83	146

1	2	3		4		5		6	
No.	Districts and Towns.	Enteric Fever.		Measles.		Cerebro- spinal Fever.		Malaria.	
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS—contd.								
	Bijapur District.								
147	Bijapur	27	·48	9	·16	1	·02	13	·
148	Bágalkot	20	·63	9	·29	...	...	16	·
149	Guledgud	...	...	...	...	...	...	8	·
150	Ilkal	2	·10	8	·40	...	...	18	·
151	Bilgi	1	·19	...	...	...	...	...	...
152	Hungund	...	...	...	...	...	...	...	...
153	Kerur	...	...	...	...	...	...	...	...
154	Talikot	...	...	...	...	...	...	...	...
	Kanara District.								
155	Karwar	2	·13	...	...	...	...	5	·
156	Kumta	8	·73	...	...	...	...	5	·
157	Gokarn	...	...	...	...	...	...	...	...
158	Honawar	1	·10	...	...	...	...	...	...
159	Bhatkal	2	·16	...	...	...	...	1	·
160	Halyal	1	·13	1	·13	...	...	2	·
161	Sirsi	3	·23	...	...	...	...	7	·
	Sholapur District.								
162	Sholapur	129	·50	840	3·31	...	...	58	·
163	Barsi	18	·45	38	·95	...	...	7	·
164	Pandharpur	23	·63	25	·69	...	...	9	·
165	Karkamb	...	...	1	·14	...	...	...	...
166	Karmala	...	...	...	...	...	...	...	...
167	Kurduwadi	2	·17	7	·61	...	...	...	...
168	Mohol	...	...	...	...	...	...	...	...
169	Sangola	6	·98	4	·66	...	...	...	...
170	Vairag	1	·20	...	...	...	...	...	...
	Satara District.								
171	Satara	19	·42	11	·24	...	...	17	·
172	Wai	7	·41	6	·34	...	...	22	1·
173	Karad	3	·14	...	...	...	...	7	·
174	Ashta	4	·44	...	...	...	...	9	1·
175	Islampur	1	·07	...	...	...	...	1	·
176	Mahabaleshwar	1	·18	...	...	...	...	...	...
177	Mhaswad	1	·12	...	...	...	...	1	·
178	Panchgani	2	·47	...	...	...	...	...	...
179	Rahimatpur	...	...	...	...	...	...	4	·
180	Tasgaon	4	·33	...	...	...	...	3	·
181	Vita	7	·83	...	...	...	...	2	·
	Total of Towns ...	2,189	·35	2,089	·33	54	·01	3,936	·
	Total of the Province ...	5,209	·23	4,353	·19	58	·00	33,782	1·

. VI (a)—contd.

7	8		10		12		13		14		15	
uenza.	Kala Azar.		Typhus.		Other Fevers.		Dysentery.		Diarrhoea.		Pneumonia.	
Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
...	...	...	...	...	193	3.46	1	.02	78	1.40	22	.40
...	...	...	...	...	100	3.17	6	.19	12	.38	2	.06
...	...	...	...	...	133	6.85	5	.26	8	.41	...	...
...	...	...	...	...	57	2.83	2	.10	1	.05	1	.05
...	...	...	...	...	19	3.60	...	...	2	.38	...	...
...	...	...	...	...	49	6.94	...	...	...	...	...	...
...	...	...	...	...	73	9.39	...	...	4	.51	...	...
...	...	...	...	...	81	9.34	13	1.49	11	1.27	...	...
...	...	...	...	...	23	1.47	2	.13	3	.19	5	.32
...	...	...	...	...	38	3.48	1	.09	6	.54	2	.18
...	...	...	...	...	14	1.25	...	...	7	.63	...	...
.20	...	...	...	...	24	2.48	2	.20	3	.32	3	.32
...	...	...	...	...	62	5.16	...	...	4	.83	...	...
.14	...	...	...	...	1	.14	...	...	3	.42	4	.56
...	...	...	...	...	36	2.79	4	.32	4	.32	5	.39
.01	...	...	...	...	394	1.55	218	.85	679	2.67	1,535	6.05
...	...	...	...	...	379	9.50	...	...	47	1.47	6	.15
...	...	...	...	...	103	2.84	44	1.22	131	3.62	196	5.42
...	...	...	...	...	74	10.42	...	...	1	.14	...	...
...	...	...	...	...	78	9.51	...	...	3	.36	2	.24
...	...	...	...	...	93	8.11	...	...	15	1.30	...	...
...	...	...	...	...	39	7.37	...	...	...	...	...	...
...	...	...	...	...	35	5.76	...	...	...	...	5	.82
...	...	...	...	...	100	20.51	...	...	1	.20	...	...
...	...	...	...	...	103	2.26	3	.07	27	.59	23	.50
...	...	...	...	...	32	1.86	2	.11	26	1.51	4	.23
...	...	...	...	...	25	1.22	1	.05	12	.58	3	.14
...	...	...	...	...	23	2.54	...	...	5	.55	1	.11
...	...	...	...	...	6	.44	...	...	3	.22	...	...
...	...	...	...	...	19	3.46	4	.72	4	.72	8	1.45
...	...	...	...	...	31	3.53	2	.22	10	1.15	1	.12
...	...	...	...	...	5	1.18	1	.24	...	...	2	.47
...	...	...	...	...	47	6.70	3	.43	10	1.42	...	...
...	...	...	...	...	28	2.33	...	...	15	1.24	4	.33
...	...	...	...	...	43	5.12	...	...	11	1.31	2	.24
.00	2	.00	4	.00	24,773	3.98	1,446	.23	4,495	.72	12,587	2.02
.00	2	.00	4	.00	134,486	5.87	3,647	.16	14,533	.63	16,404	.72

1 No.	2 Districts and Towns.	16 Pulmonary Tuber- culosis.		17 Whooping Cough.		18 Other Respiratory Diseases.		19 Beri Beri.		20 Diphtheria.	
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS—concl'd.										
	<i>Bijapur District.</i>										
147	Bijapur ...	36	·65	8	·14	43	·77	...	...	...	...
148	Bágalkot ...	45	1·43	1	·03	61	1·94	...	...	...	...
149	Guledgud ...	28	1·44	2	·10	35	1·80	...	...	...	...
150	Ilkal ...	33	1·64	...	...	31	1·54	...	...	...	...
151	Bilgi ...	11	2·09	...	...	12	2·27	...	...	...	...
152	Hungund ...	13	1·84	...	...	37	5·24	...	...	...	...
153	Kerur ...	13	1·67	3	·39	51	6·56	...	...	...	...
154	Talikot ...	10	1·15	4	·46	36	4·14	...	...	...	...
	<i>Kanara District.</i>										
155	Karwar ...	13	·83	...	...	11	·71	...	...	...	...
156	Kumta ...	6	·55	...	...	19	1·74	...	...	...	...
157	Gokarn ...	5	·45	...	...	6	·53	...	...	...	...
158	Honawar ...	4	·41	...	...	3	·32	...	...	...	...
159	Bhatkal, ...	1	·08	...	...	21	1·75	...	...	...	...
160	Halyal ...	5	·69	2	·28	3	·42	...	...	...	...
161	Sirsi ...	6	·47	3	·23	11	·85	...	...	...	...
	<i>Sholapur District.</i>										
162	Sholapur ...	536	2·11	9	·03	346	1·36	...	...	2	·01
163	Barsi ...	46	1·15	...	...	29	·70	...	...	...	...
164	Pandharpur ...	76	2·12	4	·11	74	2·04	...	...	...	...
165	Karkamb ...	3	·42	...	...	31	4·36	...	...	...	...
166	Karmala ...	9	1·08	...	...	33	4·02	...	...	...	...
167	Kurduwadi ...	11	·96	...	...	14	1·22	...	...	...	...
168	Mohol ...	11	2·07	...	...	4	·75	...	...	...	...
169	Sangola ...	17	2·78	...	...	17	2·78	...	...	1	·10
170	Vairag ...	3	·69	...	...	1	·20	...	...	...	...
	<i>Satara District.</i>										
171	Satara ...	47	1·01	3	·07	31	·70	...	...	...	...
172	Wai ...	19	1·13	3	·19	20	1·16	...	...	...	...
173	Karad ...	10	·49	3	·14	18	·83	...	...	...	...
174	Ashta ...	18	1·97	...	...	14	1·56	...	...	...	...
175	Islampur ...	6	·44	1	·07	15	1·11	...	...	...	...
176	Mahabaleshwar ...	3	·55	3	·55	11	2·00	...	...	...	...
177	Mhaswad ...	9	1·03	2	·22	5	·57	...	...	...	...
178	Panchgani ...	7	1·65	2	·47	1	·24	...	...	...	...
179	Rahimatpur ...	12	1·71	6	·85	19	2·71	...	...	...	...
180	Tasgaon ...	11	·91	2	·17	15	1·25	...	...	...	...
181	Vita ...	9	1·07	...	...	1	·11	...	...	...	...
	Total of Towns ...	7,003	1·12	524	·08	12,040	1·93	2	·00	130	·00
	Total of the Province.	21,513	·94	2,969	·13	56,954	2·48	2	·00	131	·00

No. VI (a)—concl'd.

21		22		23		26		27		28	29			30	1
Chicken-pox.		Acute Polio myelities.		Mumps.		Leprosy.		Cancer.		Deaths from child birth.	Deaths under 1 year.			Infant mortality rate per 1,000 births.	No.
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths from child birth.	Male.	Female.	Total.		
...	...	...	...	...	...	5	·09	3	·05	4	71	61	132	74·37	147
...	...	...	...	...	...	1	·03	1	·03	7	46	51	97	100·83	148
...	...	...	...	...	...	1	·05	...	...	4	39	47	86	110·26	149
...	...	...	...	...	...	1	·05	...	...	7	50	42	92	176·58	150
...	...	...	...	...	...	...	...	...	...	1	10	11	21	106·60	151
...	...	...	...	...	...	...	...	...	...	1	8	12	20	70·42	152
...	...	...	...	...	...	...	...	1	·12	11	13	14	27	116·38	153
...	...	...	...	...	...	...	...	...	...	8	29	21	50	130·89	154
...	...	...	...	...	...	...	...	1	·06	...	4	9	13	19·58	155
...	...	...	...	...	...	...	...	1	·09	2	8	7	15	33·33	156
...	...	...	...	...	...	...	...	...	...	...	1	...	1	9·80	157
...	...	...	...	...	...	...	...	...	...	3	1	6	7	34·31	158
...	...	...	...	...	...	...	...	...	...	3	11	8	19	52·34	159
...	...	...	...	...	...	...	...	...	...	...	5	1	6	31·57	160
...	...	...	...	...	...	...	...	3	·23	5	34	29	63	121·15	161
170	·67	...	...	...	...	10	·00	10	·00	2	1,176	1,043	2,219	214·00	162
...	...	...	...	...	...	8	·20	2	·05	6	178	159	337	198·46	163
...	...	...	...	...	...	13	·35	3	·03	...	272	259	531	313·66	164
...	...	...	...	...	...	...	...	...	...	2	23	6	29	211·38	165
...	...	...	...	...	...	...	...	3	·36	2	25	8	33	111·49	166
...	...	...	...	...	...	...	...	...	...	2	27	29	56	145·83	167
...	...	...	...	...	...	...	...	...	...	2	12	13	5	149·70	168
...	...	...	...	...	...	...	...	...	...	1	29	28	57	166·66	169
...	...	...	...	...	...	3	·69	...	...	1	15	8	23	149·35	170
...	...	...	...	...	...	...	...	2	·04	13	77	58	135	121·07	171
...	...	...	...	...	...	...	...	3	·19	4	23	24	47	71·10	172
...	...	...	...	...	...	...	...	4	·19	6	19	14	33	53·05	173
...	...	...	...	...	...	1	·11	1	·11	3	6	4	10	40·49	174
...	...	...	...	...	...	...	...	...	...	1	2	3	5	21·63	175
...	...	...	...	...	...	...	...	...	...	...	10	8	18	129·49	176
...	...	...	...	...	...	...	...	...	...	3	19	12	31	130·25	177
...	...	...	...	...	...	...	...	...	...	...	5	...	5	52·22	178
...	...	...	...	...	...	3	·43	...	...	3	17	12	29	95·39	179
...	...	...	...	...	...	...	...	2	·17	6	23	15	38	82·43	180
...	...	...	...	...	...	...	...	1	·11	2	14	12	26	83·87	181
260	·04	3	·00	1	·00	195	·03	731	·12	944	16,677	14,681	31,358	153·27	
423	·02	3	·00	1	·00	789	·04	981	·04	3,815	58,029	50,048	108,077	141·38	

ANNUAL FORM NO. VII—DEATHS *registered from*
during each month

1	2	3		4		5					
No.	Districts.	Circles of Registration.		Villages.		January.	February.	March.	April.	May.	June.
		Number in each District.	Number from which deaths from Cholera were reported.	Number in each District.	Number from which deaths from Cholera were reported.						
1	City of Bombay ...	1	1	1	1	...	...	...	...	...	...
	<i>Northern Registration District.</i>										
2	East Khandesh ...	36	8	1,491	284	...	...	...	16	13	26
3	West Khandesh ...	17	11	1,293	96	...	...	...	...	...	2
4	Surat ...	14	1	782	13	...	...	...	...	...	...
5	Broach ...	9	1	405	1	1	...	...	...	...	...
6	Kaira ...	17	9	572	22	...	...	1	10	1	3
7	Panch Mahals ...	10	4	651	27	...	...	...	...	...	17
8	Ahmedabad ...	20	6	876	20	...	1	...	...	4	2
	<i>Central Registration District.</i>										
9	Ahmednagar ...	19	19	1,357	366	...	1	13	1	3	109
10	Poona ...	25	19	1,157	49	...	...	...	...	...	8
11	Nasik ...	22	19	1,646	107	...	1	...	1	40	18
12	Thana ...	16	15	1,552	38	...	1	...	2	...	78
13	Bombay Suburban ...	7	4	95	8	1	...	...	...	...	6
14	Kolaba ...	15	9	1,476	44	3	12	3	...	15	...
15	Ratnagiri ...	16	2	1,305	2	2	...	...	...	...	1
	<i>Southern Registration District.</i>										
16	Belgaum ...	18	8	1,089	30	11	46	26	3	3	...
17	Dharwar ...	27	11	1,296	20	12	13	4	1	...	...
18	Bijapur ...	17	10	1,120	96	17	30	17	34	5	6
19	Kanara ...	18	1	1,233	3	...	...	...	...	1	2
20	Sholapur ...	16	14	717	198	3	...	1	...	6	8
21	Satara ...	24	9	1,341	20	1	...	1	...	...	...
	Total for the Province	364	181	21,455	1,445	51	105	66	68	91	286

CHOLERA in the DISTRICTS of the BOMBAY PROVINCE
of the year 1948.

						6			7			8	9
July.	August.	September.	October.	November.	December.	Total.			Ratio of Deaths per 1,000 of population.			Mean ratio per 1,000 of previous five years.	No.
						Male.	Female.	Total.	Male.	Female.	Total.		
...	...	1	...	...	...	1	...	1	·00	...	·00	·01	1
364	940	138	...	1	1	627	872	1,499	·83	1·20	1·09	·96	2
40	300	65	8	31	2	223	225	448	·43	·45	·44	·88	3
...	...	...	2	32	9	27	16	43	·05	·03	·04	·14	4
...	...	...	...	...	...	...	1	1	...	·00	·00	·05	5
55	30	6	19	...	...	64	61	125	·12	·12	·12	·11	6
28	73	14	4	...	...	73	63	136	·24	·22	·23	·13	7
26	10	12	15	...	...	35	35	70	·04	·05	·05	·02	8
443	281	151	107	13	5	572	555	1,127	0·89	0·89	0·89	·29	9
14	16	7	...	5	...	31	19	50	·50	·30	·30	·46	10
78	137	29	35	67	6	188	224	412	·31	·38	·35	·88	11
94	10	...	...	1	...	89	97	186	·17	·20	·19	·32	12
2	...	5	...	...	...	8	6	14	·04	·04	·04	·20	13
...	90	57	1	25	...	119	87	206	·33	·24	·29	·42	14
...	...	...	...	...	...	1	2	3	·00	·00	·00	·08	15
...	...	1	1	1	...	46	46	92	·06	·06	·06	·31	16
2	1	...	...	1	...	24	10	34	·03	·02	·03	·44	17
63	40	35	5	31	15	139	159	298	·25	·30	·28	·47	18
...	...	...	...	...	...	2	1	3	·01	·00	·01	·02	19
114	324	154	32	44	59	379	366	745	·66	·67	·67	·89	20
7	...	3	1	4	22	17	22	39	·02	·03	·03	·41	21
1,320	2,252	678	230	256	119	2,665	2,867	5,532	·22	·25	·24	·41	

ANNUAL FORM No. VIII—DEATHS registered from
during each month

1	2	3		4		5					
No.	Districts.	Circles of Registration.		Villages.		January.	February.	March.	April.	May.	June.
		Number in each District.	Number from which deaths from Small-pox were reported.	Number in each District.	Number from which deaths from Small-pox were reported.						
1	City of Bombay ... <i>Northern Registration District.</i>	1	1	1	1	7	10	33	36	22	13
2	East Khandesh ...	36	10	1,491	26	7	26	35	23	13	9
3	West Khandesh ...	17	6	1,293	16	3	8	20	4	9	4
4	Surat ...	14	4	782	12	...	5	8	8	4	1
5	Broach ...	9	6	405	10	...	...	3	...	5	8
6	Kaira ...	17	6	572	9	...	...	1	3	4	...
7	Panch Mahals ...	10	3	651	6	1	1	11	3	...	...
8	Ahmedabad ... <i>Central Registration District.</i>	20	10	876	23	1	6	22	33	26	9
9	Ahmednagar ...	19	16	1,357	133	13	24	22	29	29	2
10	Poona ...	25	14	1,157	42	14	13	33	37	13	...
11	Nasik ...	22	16	1,646	76	42	65	130	151	96	5
12	Thana ...	16	10	1,552	54	2	2	4	39	22	...
13	Bombay Suburban ...	7	2	95	3	...	...	...	2	2	...
14	Kolaba ...	15	9	1,476	18	3	...	2	3	3	1
15	Ratnagiri ... <i>Southern Registration District.</i>	16	8	1,305	11	...	...	4	8	11	1
16	Belgaum ...	18	14	1,089	164	51	59	128	100	43	1
17	Dharwar ...	27	12	1,296	51	9	9	21	18	22	1
18	Bijapur ...	17	7	1,120	24	5	1	5	12	2	...
19	Kanara ...	18	10	1,233	45	19	20	13	19	10	1
20	Sholapur ...	16	13	717	95	21	43	51	41	40	5
21	Satara ...	24	17	1,341	96	46	39	72	79	38	3
	Total for the Province	364	194	21,455	915	244	331	618	648	414	27

SMALL-POX in the DISTRICTS of the BOMBAY PROVINCE
of the year 1948.

						6			7		8			9	10
July	August.	September.	October.	November.	December.	Total.			Number of these Deaths among Children.		Total ratio of Deaths per 1,000 of population.			Mean ratio per 1,000 of previous five years.	No.
						Male.	Female.	Total.	Under 1 year.	Under 10 years.	Male.	Female.	Total.		
15	9	6	4	...	6	108	53	161	19	62	·09	·00	·09	·37	1
8	4	...	4	...	7	70	66	136	40	48	·09	·09	·09	·51	2
...	...	...	...	...	...	27	21	48	81	13	·05	·04	·05	·23	3
...	...	1	...	...	...	16	11	27	11	11	·03	·02	·03	·32	4
3	...	...	...	4	13	21	15	36	6	21	·08	·06	·08	·07	5
...	...	3	2	...	10	11	12	23	...	1	·02	·02	·02	·07	6
...	...	...	...	...	...	8	8	16	1	8	·03	·03	·03	·05	7
8	8	6	1	...	73	86	107	193	72	96	·10	·15	·12	·14	8
17	15	9	12	8	3	90	112	202	33	35	·14	·18	·16	·41	9
4	...	11	...	...	2	60	70	130	13	39	·80	·90	90	·34	10
34	22	9	6	2	6	284	335	619	98	84	·46	·57	·52	·36	11
13	14	7	13	7	15	69	78	147	20	27	·13	·16	·15	·25	12
1	...	2	...	...	...	3	4	7	1	3	·01	·03	·02	·12	13
...	9	1	1	1	...	18	20	38	5	8	·05	·05	·05	·19	14
16	19	5	...	...	...	35	42	77	22	33	·05	·05	·05	·16	15
19	14	6	3	3	11	219	237	456	151	141	·32	·39	·35	·10	16
3	4	5	1	1	...	54	53	109	23	29	·08	·09	·09	·90	17
5	3	1	4	4	2	20	26	46	3	12	·04	·05	·04	·80	18
5	10	4	2	1	1	62	57	119	8	38	·23	·25	·25	·35	19
25	25	11	12	7	3	152	158	310	66	143	·27	·29	·28	·29	20
14	6	5	3	3	3	167	172	339	47	88	·24	·24	·24	·22	21
90	162	95	·68	41	155	1,580	1,659	3,239	670	980	·13	·14	·14	·24	

ANNUAL FORM NO. IX—DEATHS registered from
during each month

1	2	3		4		5					
		Circles of Registration.		Villages.		January.	February.	March.	April.	May.	June.
		Number in each District.	Number from which deaths from fevers were reported.	Number in each District.	Number from which deaths from fevers were reported.						
No.	Districts.										
1	City of Bombay ...	1	1	1	1	155	109	122	160	191	147
	<i>Northern Registration District.</i>										
2	East Khandesh ...	36	36	1,491	1,234	1,673	1,355	1,530	1,635	1,766	1,273
3	West Khandesh ...	17	17	1,293	1,293	1,160	938	1,051	1,214	1,106	817
4	Surat ...	14	14	782	736	734	561	648	599	496	497
5	Broach ...	9	9	405	395	576	430	497	360	346	356
6	Kaira ...	17	17	572	514	588	507	662	674	571	607
7	Panch Mahals ...	10	10	651	651	760	671	704	721	531	387
8	Ahmedabad ...	20	20	876	813	1,238	1,014	1,254	1,948	1,566	1,487
	<i>Central Registration District.</i>										
9	Ahmednagar ...	19	19	1,357	1,032	505	412	426	533	552	517
10	Poona ...	25	25	1,157	1,084	682	612	834	833	629	677
11	Nasik ...	22	20	1,646	1,520	924	742	830	1,012	998	637
12	Thana ...	16	16	1,552	840	436	331	336	363	313	297
13	Bombay Suburban ...	7	7	95	46	86	79	46	66	60	57
14	Kolaba ...	15	15	1,476	788	754	427	758	475	503	377
15	Ratnagiri ...	16	16	1,305	1,201	1,076	834	561	576	631	577
	<i>Southern Registration District.</i>										
16	Belgaum ...	18	18	1,089	951	661	559	662	664	622	577
17	Dharwar ...	27	27	1,296	1,124	719	667	897	767	673	617
18	Bijapur ...	17	17	1,120	1,035	837	706	796	737	699	717
19	Kanara ...	18	18	1,233	665	215	169	194	147	115	117
20	Sholapur ...	16	16	717	412	622	473	628	709	760	617
21	Satara ...	24	24	1,341	1,164	631	572	639	786	790	617
	Total for the Province	364	362	21,455	17,499	15,082	12,178	14,065	14,979	13,893	12,067

FEVERS in the DISTRICTS of the BOMBAY PROVINCE
of the year 1948.

						6			7			8	1
July.	August.	September.	October.	November.	December.	Total.			Ratio of Deaths per 1,000 of population.			Mean ratio per 1,000 of previous five years.	No.
						Male.	Female.	Total.	Male.	Female.	Total.		
154	182	242	209	216	190	1,292	785	2,077	1.18	1.22	1.20	1.41	1
1,478	2,160	2,132	1,776	1,972	1,844	9,928	10,666	20,594	13.24	14.76	13.99	13.55	2
839	1,500	1,368	1,138	1,350	1,466	6,741	7,206	13,947	13.07	14.43	13.74	12.20	3
524	600	539	477	508	529	3,377	3,315	6,692	6.87	6.87	6.83	9.48	4
338	414	397	388	399	503	2,551	2,447	4,998	11.13	11.38	11.27	17.45	5
648	633	635	623	525	573	3,626	3,610	7,236	6.63	7.29	6.94	11.05	6
393	566	633	725	807	781	3,847	3,829	7,676	12.82	13.52	13.16	12.09	7
1,403	1,354	1,753	1,621	1,262	1,403	8,592	87,06	17,298	10.14	12.40	11.16	12.75	8
704	670	668	513	546	602	3,403	3,244	6,647	5.50	5.25	5.27	5.36	9
861	636	777	677	584	772	4,682	3,893	8,575	6.12	5.26	5.7	7.93	10
1,032	1,081	932	778	1,035	1,330	5,688	5,777	11,465	9.23	9.90	9.54	10.69	11
335	457	565	476	531	638	2,557	2,516	5,073	4.97	5.15	5.06	5.74	12
82	84	90	92	144	105	512	472	984	2.93	3.56	3.20	2.53	13
340	649	728	410	685	796	3,544	3,357	6,901	10.09	9.56	9.80	8.85	14
760	857	809	751	701	879	4,442	4,628	9,070	6.65	5.85	6.20	6.25	15
639	594	624	597	607	634	3,692	3,763	7,455	5.37	5.81	5.59	7.23	16
653	745	804	820	865	952	4,673	4,517	9,190	7.15	7.29	7.22	10.52	17
802	917	1,133	1,034	1,049	1,173	5,326	5,390	10,616	9.70	10.45	10.07	10.11	18
147	173	183	174	166	206	1,002	1,036	2,038	4.28	4.58	4.44	7.34	19
871	1,012	1,186	873	834	1,058	4,908	4,690	9,598	8.55	8.66	8.60	8.19	20
846	963	956	930	891	1,062	4,957	4,831	9,788	7.02	6.62	6.82	8.30	21
3,849	16,247	17,214	15,082	15,697	17,516	89,240	88,673	1,77,913	7.50	8.85	7.76	8.88	

ANNUAL FORM NO. X—DEATHS registered from DYSENTERY
during each month

1	2	3		4		5					
No.	Districts.	Circles of Registration.		Villages.		January.	February.	March.	April.	May.	June.
		Number in each District.	Number from which deaths from Dysentery and Diarrhoea were reported.	Number in each District.	Number from which deaths from Dysentery and Diarrhoea were reported.						
1	City of Bombay ...	1	1	1	1	127	101	130	126	122	104
	<i>Northern Registration District.</i>										
2	East Khandesh ...	36	36	1,491	224	56	44	60	78	78	80
3	West Khandesh ...	17	16	1,293	259	41	33	56	46	27	49
4	Surat ...	14	13	782	44	24	15	27	16	24	24
5	Broach ...	9	9	405	43	9	3	7	3	3	5
6	Kaira ...	17	15	572	130	28	15	36	26	26	43
7	Panch Mahals ...	10	10	651	37	10	3	5	5	8	14
8	Ahmedabad ...	20	14	876	54	46	37	44	32	18	40
	<i>Central Registration District.</i>										
9	Ahmednagar ...	19	19	1,357	372	79	71	47	60	76	104
10	Poona ...	25	25	1,157	515	120	104	88	109	134	120
11	Nasik ...	22	22	1,646	49	101	49	61	60	86	68
12	Thana ...	16	12	1,552	93	39	44	30	31	37	30
13	Bombay Suburban ...	7	6	95	21	22	18	23	15	19	27
14	Kolaba ...	15	15	1,476	50	54	23	62	39	38	32
15	Ratnagiri ...	16	16	1,305	236	1	...	1	...	24	23
	<i>Southern Registration District.</i>										
16	Belgaum ...	18	18	1,089	493	114	109	91	95	114	133
17	Dharwar ...	27	23	1,296	160	43	38	32	44	47	40
18	Bijapur ...	17	16	1,120	459	120	85	64	61	69	105
19	Kanara ...	18	18	1,233	179	51	35	13	12	27	23
20	Sholapur ...	16	16	717	125	76	65	72	82	79	74
21	Satara ...	24	24	1,341	725	73	57	65	48	67	103
	<i>Total for the Province</i>	364	346	21,455	4,274	1,264	959	1,014	988	1,123	1,271

and DIARRHOEA in the DISTRICTS of the BOMBAY PROVINCE
of the year 1948.

						6			7			8	1
						Total.			Ratio of Deaths per 1,000 of Population.			Mean ratio per 1,000 of previous five years.	No
July.	August.	September.	October.	November.	December.	Male.	Female.	Total.	Male.	Female.	Total.		
152	180	114	102	90	119	802	665	1,467	·74	1·03	·85	1·01	1
172	297	174	91	73	89	616	676	1,292	·82	1·93	·87	·82	2
120	172	113	58	43	36	374	418	792	·73	·84	·78	·79	3
35	33	24	18	14	14	134	134	268	·27	·27	·27	·64	4
10	13	13	13	1	2	49	33	82	·21	·15	·18	·54	5
61	63	61	48	24	29	253	207	460	·46	·42	·44	2·80	6
5	15	11	5	12	6	49	50	99	·16	·18	·17	·30	7
31	32	43	50	28	17	223	185	408	·26	·26	·26	·40	8
93	229	161	112	88	85	676	629	1,305	1·05	1·02	1·04	1·11	9
22	228	219	194	97	128	853	810	1,663	1·12	1·09	1·10	1·60	10
55	163	107	84	83	69	552	534	1,086	·90	·92	·90	1·06	11
51	60	45	19	20	21	234	193	427	·46	·40	·43	·59	12
24	24	16	9	11	28	124	112	236	·77	·84	·76	1·48	13
65	66	71	13	33	43	294	255	549	·83	·72	·77	·77	14
30	46	26	21	15	26	116	97	213	·17	·12	·14	·78	15
48	264	244	256	167	150	956	1,054	2,010	1·39	1·62	1·50	1·81	16
44	82	59	54	64	47	324	270	594	·50	·44	·47	·65	17
15	231	279	231	160	127	837	910	1,747	1·55	1·77	1·66	1·47	18
37	26	38	31	24	26	173	170	343	·75	·75	·75	1·76	19
75	296	269	210	141	144	536	847	1,683	1·46	1·56	1·50	1·41	20
0	231	225	150	131	151	712	744	1,456	1·01	1·02	1·01	1·12	21
33	2,641	2,312	1,769	1,317	1,357	9,187	8,993	18,180	·77	·81	·79	·89	

ANNUAL FORM NO. XI—DEATHS *registered from RESPIRATORY*
during each month

1	2	3		4		5					
		Circles of Registration.		Villages.		January.	February.	March.	April.	May.	June.
		Number in each District.	Number from which deaths from Respiratory diseases were reported.	Number in each District.	Number from which deaths from Respiratory Diseases were reported.						
No.	Districts.										
1	City of Bombay ...	1	1	1	1	1,137	1,003	1,196	1,042	992	99
	<i>Northern Registration District.</i>										
2	East Khandesh ...	36	36	1,491	838	681	534	597	519	381	32
3	West Khandesh ...	17	17	1,298	931	582	464	421	379	240	21
4	Surat ...	14	14	782	440	594	293	316	271	236	21
5	Broach ...	9	9	405	287	239	153	136	147	124	10
6	Kaira ...	17	17	572	545	595	521	605	574	462	53
7	Panch Mahals ...	10	10	651	429	200	169	158	126	88	7
8	Ahmedabad ...	20	19	876	401	596	577	660	417	313	29
	<i>Central Registration District.</i>										
9	Ahmednagar ...	19	19	1,357	734	464	429	333	413	386	34
10	Poona ...	25	25	1,157	854	567	483	415	379	601	41
11	Nasik ...	22	20	1,646	919	1,006	854	836	904	818	72
12	Thana ...	16	15	1,552	491	298	258	258	218	217	17
13	Bombay Suburban ...	7	7	95	30	73	103	178	137	124	19
14	Kolaba ...	15	15	1,476	38	227	153	268	163	170	13
15	Ratnagiri ...	16	16	1,305	713	299	330	821	696	600	74
	<i>Southern Registration District.</i>										
16	Belgaum ...	18	18	1,089	739	375	322	330	321	265	25
17	Dharwar ...	27	27	1,286	712	344	273	363	273	223	19
18	Bijapur ...	17	17	1,120	745	406	335	372	336	296	29
19	Kanara ...	18	18	1,233	309	101	89	62	60	52	5
20	Sholapur ...	16	16	717	222	333	282	297	331	326	23
21	Satara ...	24	24	1,341	699	251	162	241	243	239	24
	Total for the Province	364	360	21,455	11,077	9,168	7,787	8,868	7,964	7,208	6,800

DISEASES in the DISTRICTS of the BOMBAY PROVINCE
of the year 1948.

						6			7			8	1
July.	August.	September.	October.	November.	December.	Total.			Ratio of Deaths per 1,000 of Population.			Mean ratio per 1,000 of previous five years.	No
						Male.	Female.	Total.	Male.	Female.	Total.		
1,001	1,015	970	909	848	975	6,734	5,349	12,083	6.20	8.29	6.98	8.85	1
488	502	498	447	481	637	2,423	2,615	6,038	4.57	3.61	4.10	4.20	2
250	322	313	303	341	470	2,491	1,836	4,327	4.83	3.65	4.26	4.40	3
212	231	230	204	198	256	1,744	1,311	3,055	3.55	2.68	3.11	5.28	4
71	86	49	51	68	101	781	550	1,331	3.44	2.41	3.00	4.68	5
533	563	537	529	583	628	3,838	2,823	6,666	7.02	5.71	6.40	5.01	6
70	78	76	70	89	86	762	519	1,281	2.54	1.83	2.20	2.69	7
323	259	357	364	333	420	2,834	2,080	4,914	3.34	2.66	3.17	5.29	8
434	424	418	368	342	547	2,691	2,207	4,898	4.19	3.57	3.89	4.27	9
508	425	490	528	394	559	2,978	2,783	5,761	3.90	3.76	3.83	5.19	10
953	1,060	982	805	951	1,273	5,965	5,203	11,168	9.68	9.07	9.30	5.63	11
187	216	224	188	218	229	1,554	1,135	2,689	3.02	2.32	2.67	4.20	12
135	154	186	131	130	142	889	800	1,689	5.07	6.04	5.47	3.71	13
361	335	244	249	327	367	1,686	1,317	3,003	4.80	3.73	4.35	3.65	14
861	854	842	818	708	871	4,565	3,877	8,442	8.84	4.90	5.77	3.90	15
308	351	364	381	347	422	2,331	1,710	4,041	3.39	2.64	3.02	3.31	16
286	277	332	319	356	339	2,151	1,442	3,593	2.29	2.33	2.82	3.60	17
264	330	365	322	335	453	2,439	1,689	4,098	4.53	3.22	3.89	3.75	18
62	70	67	76	80	83	514	313	857	2.22	1.52	1.87	2.82	19
368	425	520	426	403	493	2,240	2,248	4,488	3.90	4.08	4.02	4.29	20
250	343	370	315	332	401	2,001	1,477	3,478	2.83	2.02	2.42	2.55	21
7,910	8,320	8,464	7,793	7,866	9,752	54,611	43,289	97,900	4.69	3.92	4.27	4.67	

ANNUAL FORM NO. XII—DEATHS registered from
during each month

1	2	3		4							
No.	Districts.	Circles of Registration.		Villages.		January.	February.	March.	April.	May.	June.
		Number in each District.	Number from which deaths from Plague were reported.	Number in each District.	Number from which deaths from Plague were reported.						
1	City of Bombay ... <i>Northern Registration District.</i>	1	1	1	1	1	...	4	2	...	...
2	East Khandesh ...	36	3	1,481	7	2	...	...	...	...	...
3	West Khandesh ...	17	9	1,298	43	62	52	28	1	...	...
4	Surat ...	14	...	782	...	...	...	...	...	...	...
5	Broach ...	9	...	405	...	...	...	...	...	...	...
6	Kaira ...	17	...	572	...	...	...	...	...	...	...
7	Panch Mahals ...	10	...	651	...	...	...	...	...	...	...
8	Ahmedabad ... <i>Central Registration District.</i>	20	1	876	1	...	...	...	...	...	...
9	Ahmednagar ...	19	9	1,357	18	32	45	22	1	...	...
10	Poona ...	25	15	1,157	52	14	14	2	...	...	5
11	Nasik ...	22	15	1,646	10	3	18	5	2	1	1
12	Thana ...	16	3	1,552	3	...	...	2	...	...	9
13	Bombay Suburban ...	7	...	95	...	...	...	...	...	...	...
14	Kolaba ...	15	7	1,476	17	21	35	36	1	2	1
15	Ratnagiri ... <i>Southern Registration District.</i>	16	2	1,305	3	3	...	4	3	...	...
16	Belgaum ...	18	8	1,089	12	3	10	6	7	...	...
17	Dharwar ...	27	1	1,296	1	...	...	1	...	...	...
18	Bijapur ...	17	7	1,120	11	5	16	5	2	...	...
19	Kanara ...	18	...	1,238	...	...	...	...	...	...	...
20	Sholapur ...	16	4	717	10	37	62	23	...	1	...
21	Satara ...	24	16	1,341	71	59	80	74	19	1	...
	Total for the Province ...	364	101	21,455	260	242	302	212	38	5	16

PLAGUE in the DISTRICTS of the BOMBAY PROVINCE
of the year 1948.

						6			7			8	1
July.	August.	September.	October.	November.	December.	Total.			Ratio of Deaths per 1,000 of Population.			Mean ratio per 1,000 of previous five years.	No.
						Male.	Female.	Total.	Male.	Female.	Total.		
...	1	...	1	2	...	7	4	11	·00	·00	·00	·00	1
...	3	...	16	4	15	22	18	40	·02	·02	·02	·03	2
...	5	29	57	48	83	155	190	345	·30	·38	·34	·39	3
...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	1	...	...	1	...	1	·00	...	·00	·00	8
...	...	3	...	7	8	57	61	118	·08	·10	·09	·20	9
2	23	25	25	...	14	69	55	124	·9	·7	·80	·39	10
1	1	...	...	4	14	28	22	50	·06	·04	·04	·17	11
...	...	5	...	...	...	5	11	16	·01	·02	·02	·01	12
...	...	...	...	...	...	...	...	...	...	...	...	·00	13
...	2	...	...	...	...	54	44	98	·15	·12	·13	·17	14
...	...	...	...	...	...	6	4	10	·01	·01	·01	·03	15
...	6	...	8	...	1	19	22	41	·03	·03	·03	·39	16
...	...	...	...	...	...	...	1	1	...	·00	·00	·40	17
8	2	2	1	4	7	20	32	52	·04	·06	·05	·50	18
...	...	...	...	...	...	...	...	...	...	...	...	·40	19
...	...	...	...	...	1	58	56	114	·10	·10	·10	·70	20
5	6	5	8	22	5	114	170	284	·16	·23	·19	1·04	21
16	49	69	117	91	148	615	690	1,305	·05	·06	·06	·19	

APPENDIX

STATEMENT

Showing particulars of Vaccination in the

No.	Districts or Towns.	Mid-year estimated Population of the Districts for the year 19 .	Average number of Vaccinators employed throughout the year.
1	2	3	3
A—DISTRICTS (EXCLUDING TOWNS).			
1	Ahmednagar	1,127,294	.....
2	Poona	1,068,106	.....
3	Nasik	1,013,161	.....
4	Thana	891,538	.....
5	Bombay Suburban	70,240	.....
6	Kolaba	51,263	.....
7	Ratnagiri	1,386,668	.....
8	Satara	1,233,683	.....
9	Sholapur	742,551	.....
10	Bijapur	898,673	.....
11	Belgaum	1,161,872	.....
12	Dharwar	940,709	.....
13	Kanara	378,730	.....
14	Surat R. C.'s. <i>- Circles and Districts.</i>	737,334	18 Including... 6 S. S. G. S. 48 Health Asstts.
15	Broach „	325,210	7 Including ... 2 S. S. G. S. ...
16	Kaira „	863,678	13 Including... 3 S. S. G. S. ...
17	Panch Mahals „	500,374	9 Including ... 2 S. S. G. S. ...
18	Ahmedabad „	720,654	17 Including.. 4 S. S. G. S. ... 1 Refg. Camp.
19	East Khandesh „	1,066,989	26 Including... 7 S. S. G. S. ...
20	West Khandesh „	866,621	18 Including... 6 S. S. G. S. ...
Total, Districts (excluding towns) ...		10,685,451	.....

VI.

No. I.

Bombay Province during the year 1948.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.					
				Total.	Successful.				Un-known.
					Under one year.	One and under five years.	Five and under 10 years.	Total of all ages.	
Male.	Female.	Total.							
5	6	7	8	9	10	11	12	13	14
{ P. 15,329 R. 41,645	14,535 16,286	29,864 57,931	} ...	29,864	18,985	7,536	392	26,913	2,953
{ P. 11,581 R. 11,964	11,069 7,037	22,650 19,001	} ...	22,650	14,127	5,949	647	20,723	1,834
{ P. 11,876 R. 39,116	11,273 18,129	23,149 57,245	} ...	23,149	13,465	5,652	59	19,176	3,462
{ P. 11,068 R. 17,315	10,432 9,124	21,500 26,439	} ...	21,500	12,207	7,175	283	19,665	1,697
{ P. 874 R. 1,899	784 1,889	1,658 3,788	} ...	1,658	934	327	15	1,276	94
{ P. 8,735 R. 9,135	8,416 5,284	17,151 14,419	} ...	17,151	12,357	3,699	79	16,135	935
{ P. 24,334 R. 11,029	22,485 6,322	46,819 17,351	} ...	46,819	24,704	11,549	806	37,059	7,904
{ P. 21,881 R. 55,492	20,015 21,992	41,896 77,484	} ...	41,896	20,699	5,460	418	26,639	15,204
{ P. 13,460 R. 23,806	13,034 11,250	26,494 35,056	} ...	26,494	14,229	5,785	355	20,432	6,043
{ P. 14,997 R. 55,840	14,324 30,171	29,321 86,011	} ...	29,321	20,668	5,976	128	26,722	2,591
{ P. 18,936 R. 116,653	17,853 72,479	36,789 189,137	} ...	36,789	23,231	7,860	707	31,896	4,816
{ P. 15,942 R. 60,332	15,270 30,839	31,212 91,171	} ...	31,212	19,239	6,329	704	26,330	4,766
{ P. 5,526 R. 14,141	4,845 6,865	10,371 21,006	} ...	10,371	1,468	4,678	2,210	8,757	1,572
{ P. 10,295 R. 7,594	9,697 3,080	19,992 10,674	} ...	19,992	12,040	5,069	393	17,562	2,312
{ P. 4,153 R. 3,231	3,884 1,828	8,037 5,059	} ...	8,037	4,790	1,532	160	6,523	1,448
{ P. 10,010 R. 3,106	9,013 803	19,023 3,909	} ...	19,023	12,403	2,465	191	15,067	3,836
{ P. 7,296 R. 1,692	6,690 640	13,986 2,332	} ...	13,986	8,478	2,542	68	11,103	2,779
{ P. 12,130 R. 8,422	10,776 4,825	22,806 13,247	} ...	22,806	14,278	3,719	296	18,339	4,370
{ P. 18,127 R. 24,116	15,735 8,786	33,862 32,902	} ..	33,862	27,071	5,271	168	32,510	1,325
{ P. 11,625 R. 7,986	11,066 2,658	22,691 10,644	} ..	22,691	16,671	4,315	258	21,268	1,327
{ P. 248,175 R. 514,519	231,196 260,287	479,371 774,806	} ...	479,371	292,044	102,873	8,337	404,095	71,273

No	Districts or Towns.	Re-vaccination.		
		Total.	Successful.	Unknown.
		15	16	17
	A--DISTRICTS (EXCLUDING TOWNS).			
1	Ahmednagar	57,931	21,105	23,312
2	Poona	19,001	5,030	11,339
3	Nasik	57,245	16,105	26,522
4	Thana	26,439	8,538	12,173
5	Bombay Suburban	3,788	922	1,350
6	Kolaba	14,419	5,925	3,486
7	Ratnagiri	17,351	5,320	8,382
8	Satara	77,484	4,333	59,146
9	Sholapur	35,056	6,316	24,707
10	Bijapur	86,011	13,172	45,219
11	Belgaum	189,137	15,819	129,278
12	Dharwar	91,171	15,683	47,555
13	Kanara	21,006	3,128	9,625
	<i>Circles and districts.</i>			
14	Surat R. C's	10,674	2,051	5,882
15	Broach	5,059	1,261	1,594
16	Kaira	3,909	843	1,894
17	Panch Mahals	2,332	702	1,053
18	Ahmedabad	13,247	2,306	8,424
19	East Khandesh	32,902	6,623	11,681
20	West Khandesh	10,644	2,063	4,699
	Total, Districts (excluding towns) ...	774,806	137,245	437,521

No. 1—*contd.*

Percentage of successful cases in which the results were known.		Number of all successful vaccinations performed by the Vaccination Department.
Primary. 18	Re-vac- cination. 19	
95.93	60.96	48,018
99.55,	65.65	25,753
97.40	52.42	35,281
99.30	59.85	28,203
81.58	37.82	2,198
99.56	54.19	23,060
95.15	59.32	42,379
72.60	23.69	30,972
99.90	61.03	26,748
99.97	32.29	39,884
99.76	26.43	47,715
99.56	29.25	42,013
99.50	27.48	11,885
99.33	42.80	19,613
98.99	36.39	7,784
99.21	41.84	15,910
99.87	51.88	11,805
104.58	47.81	20,645
100.13	31.21	39,123
99.55	35.91	23,371
99.01	40.66	541,330

STATEMENT

No.	Districts or Towns.	Mid-year estimated Population of the Districts for the year 19 .	Average number of vaccinators employed throughout the year.
1	2	3	4
B—TOWNS.			
AHMEDNAGAR DISTRICT—			
1	Ahmednagar T. C.	63,213	.....
2	Sangamner "	13,443	.. ..
3	Belapur Ainatpur " and Shrirampur	15,385	.....
4	Kopergaon "	10,000	... ..
5	Pathardi "	7,704	.....
6	Shrigonda "	8,649	.....
7	Ahmednagar Cantonment	14,603	.....
POONA DISTRICT—			
8	Junnar	12,552	.....
9	Baramati	17,488	.....
10	Lonavla	11,015	.....
11	Poona City	292,311	.....
12	Poona Suburban	22,428	.....
13	Alandi Town	2,546	.....
14	Indapur	4,702	.....
15	Jejuri	3,237	.....
16	Saswad	5,394	.....
17	Sirur	3,938	.....
18	Talegaon Dabhade	4,019	.....
19	Poona Cantonment	34,509	.....
20	Kirkee Cantonment	20,876	.....
NASIK DISTRICT—			
21	Nasik	57,256	.....
22	Yeola	18,836	.....
23	Malegaon	42,163	...
24	Igatpuri	8,173	.....
25	Trimbak	4,305	.....
26	Bhagur	6,736	.....
27	Sinnar	11,692	.....

No. I—*contd.*

Total number of persons vaccinated.				Primary Vaccination.					
				Total.	Successful.				Un-known.
					Under one year.	One and under six years.	Five and under 10 years.	Total of all ages.	
Male.	Female.	Total.		Total.	Under one year.	One and under six years.	Five and under 10 years.	Total of all ages.	
5	6	7	8	9	10	11	12	13	14
P. 1,132	1,154	2,286	...	2,286	1,799	87	3	1,889	297
R. 97	79	176	...						
P. 305	295	600	...						
R. 375	200	575	...						
P. 103	78	181	...						
R. 122	281	403	...						
P. 155	212	367	...						
R. 200	125	325	...						
P. 183	152	340	...						
R. ...	...	...	...						
P. 113	109	222	...	222	114	57	3	204	14
R. 947	328	1,275	...						
P. 150	220	370	...						
R. ...	...	...	...						
P. 91	85	176	...	176	88	67	4	159	16
R. 219	21	240	...						
P. 240	228	468	...						
R. 192	148	340	...						
P. 200	216	416	...						
R. 72	36	108	...						
P. 6,355	6,062	12,417	...						
R. 9,883	6,365	16,248	...						
P. 337	339	676	...						
R. 246	176	422	...						
P. 156	163	319	...	319	131	100	30	261	58
R. 475	110	585	...						
P. 114	118	232	...						
R. 499	376	75	...						
P. 21	32	53	...						
R. 2	...	2	...						
P. 108	99	207	...						
R. 12	...	12	...						
P. 90	96	186	...						
R. 118	25	143	...						
P. 64	70	134	...	134	90	32	1	123	10
R. ...	...	...	...						
P. 641	541	1,182	...						
R. 1,351	717	2,068	...						
P. 166	150	316	...	316	250	53	13	316	...
R. 59	14	73	...						
P. 1,386	1,217	2,603	...	2,603	1,534	56	...	2,060	535
R. 702	607	1,309	...						
P. 445	425	870	...						
R. 313	88	401	...						
P. 336	350	736	...						
R. 103	104	207	...						
P. 202	164	366	...						
R. 457	133	590	...						
P. 161	158	319	...						
R. 269	72	341	...						
P. 79	55	134	...	134	84	34	...	118	15
R. 75	6	81	...						
P. 147	27	174	...						
R. 38	...	38	...						

STATEMENT

No.	Districts or Towns.	Re-vaccination.		
		Total.	Successful.	Unknown.
1	2	15	16	17
B-TOWNS.				
AHMEDNAGAR DISTRICT—				
1	Ahmednagar Town	176	68	66
2	Sangamner Town	575	500	.....
3	Belapur Ainatpur and Shirpur	403	136	145
	Kopergaon	325	112	45
	Pathardi ... ..	.....	.....	.....
6	Shrigonda	1,275	758	513
7	Ahmednagar Cantonment ... ..	.....	.....	.....
POONA DISTRICT—				
8	Junnar Town	240	.....	174
9	Baramati Town	340	244	64
10	Lonavla Town	103	43	47
11	Poona City	16,248	149	15,951
12	Poona Suburban	422	6	415
13	Alandi Town	585	28	445
14	Indapur „	875	287	400
15	Jejuri „	2	2	.....
16	Saswad „	12	3	6
17	Sirur „	143	.....	125
18	Talegaon Dabnada ... ..	.....	.....	.....
19	Poona Cantonment	2,068	.....	2,068
20	Kirkee Cantonment	73	73	.....
NASIK DISTRICT—				
21	Nasik Town	1,309	6	1,300
22	Yeola Town	401	157	77
23	Malegaon Town	207	19	96
24	Igatpuri „	590	16	118
25	Trimbak „	341	30	285
26	Bhagur „	81	16	49
27	Sinnar „	38	4	20

No. I—*contd.*

Percentage of successful cases in which the results were known.		Number of all successful vaccinations performed by the Vaccination Department.
Primary.	Re-vaccina- tion.	
18	19	
94·97	61·82	1,957
99·16	86·96	1,095
67·40	52·71	258
91·86	40·00	428
83·18	.....	272
98·07	99·47	952
72·97	.....	370
99·37	.....	159
100·00	88·41	691
98·97	70·49	428
99·75	50·17	6,681
99·47	85·71	196
100·00	20·00	289
99·56	60·42	516
98·11	.....	54
100·00	42·86	199
100·00	.....	186
99·19	.....	123
99·91	.....	1,146
100·00	.....	389
99·61	66·66	2,066
99·63	48·46	969
100·00	17·12	677
100·00	3·39	283
00·00	53·57	310
99·16	50·00	134
97·22	22·22	144

STATEMENT

No.	Districts or Towns,	Mid year estimated Population of the towns for the year 1948.	Average number of Vaccinators employed throughout the year.
1	2	3	4
B--TOWNS--contd.			
NASIK DISTRICT--contd.--			
28	Manmad	16,842	.....
29	Nandgaon	7,956	.....
30	Deolali Cantonment	12,953	.....
THANA DISTRICT--			
31	Thana	35,581	.....
32	Kalyan	35,078	.....
33	Bhiwandi	21,094	.....
34	Bassein	14,915	.....
35	Palghar	4,409	.....
BOMBAY SUBURBAN DISTRICT--			
36	Bandra	91,200	.....
37	Kurla	45,490	.....
38	Ville-Parle-Andheri	54,681	.....
39	-Ghatkopar (Kiroli)	25,516	.....
40	Juhu	4,999	.....
41	Malad	15,504	.....
KOLABA DISTRICT--			
42	Panvel	12,866	.....
43	Alibag	6,607	.....
44	Mahad	8,546	.....
45	Uran	6,682	.....
46	Matheran	2,811	.....
47	Pen	8,322	.....
48	Roha	6,345	.....
RATNAGIRI DISTRICT--			
49	Ratnagiri	18,530	.....
50	Chiplun	1,6102	.....
51	Malwan	15,103	.....
52	Vengurla	11,547	.....
53	Rajapur	9,894	.....

No. I—contd.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.						
				Total.	Successful.				Un-known.	
					Under one year.	One and under five years.	Five years and under ten years.	Total of all ages.		
Male.	Female.	Total.		9	10	11	12	13	14	
5	6	7	8							
P. 460	515	975	...	}	975	524	296	...	820	143
R. 1,458	392	1,850	...							
P. 156	139	295	...							
R. 135	266	401	...							
P. 699	590	1,289	...							
R. 1,817	1,325	3,142	...		1,289	836	453	...	1,289	...
P. 506	526	1,032	...	}	1,032	705	218	3	926	105
R. 626	385	1,013	...							
P. 651	569	1,220	...							
R. 151	105	256	...							
P. 315	315	630	...							
R. 110	68	178	...		630	411	146	6	563	67
P. 178	173	351	...	}	351	213	125	4	342	9
R. 13	9	22	...							
P. 35	32	67	...							
R. 17	10	27	...							
					67	22	10	...	32	...
P. 1,299	1,278	2,577	...	}	2,577	1,501	581	15	2,097	472
R. 1,093	1,152	2,245	...							
P. 587	493	1,080	...							
R. 1,772	471	2,243	...							
P. 563	552	1,115	...							
R. 380	135	515	...		1,115	725	271	8	1,004	37
P. 289	254	543	...	}	543	391	151	1	543	...
R. 107	36	143	...							
P. 26	22	48	...							
R. 58	1	59	...							
P. 169	159	328	...							
R. 3	4	7	...		328	200	97	1	293	30
P. 199	197	396	...	}	396	203	128	3	339	8
R. 125	115	240	...							
P. 166	122	268	...							
R. 418	178	596	...							
P. 125	105	230	...							
R. 5	3	8	...		230	147	75	1	223	7
P. 117	117	234	...	}	234	139	62	8	209	...
R. 56	23	79	...							
P. 35	31	66	...							
R. ...	...	...	...							
P. 109	80	189	...							
R. 5	8	13	...		189	152	32	...	184	...
P. 93	101	194	...	}	194	123	70	1	194	...
R. 3	...	3	...							
					798	287	242	7	516	261
P. 394	404	798	...	}	311	237	52	...	289	22
R. 1,040	741	1,781	...							
P. 174	137	311	...							
R. 30	126	56	...							
P. 220	214	434	...							
R. 41	15	46	...		434	194	219	...	413	14
P. 145	142	287	...	}	287	160	114	8	282	9
R. 88	55	143	...							
P. 30	29	59	...							
R. 3	3	6	...							
					59	10	7	...	17	41

STATEMENT

No.	Districts or Towns.	Re-vaccination.		
		Total.	Successful.	Unknown.
1	2	15	16	17
B-TOWNS--contd.				
NASIK DISTRICT--contd.				
28	Manmad	1,850	796	960
29	Nandgaon	401	121	130
30	Devlali Cantonment	3,142	1325	...
THANA DISTRICT--				
31	Thana	1,013	426	271
32	Kalyan	256	62	176
33	Bhiwandi	178	14	149
34	Bassein	22	6	7
35	Palghar	27	9	5
BOMBAY SUBURBAN DISTRICT--				
36	Bandra	2,245	436	1,589
37	Kurla	2,243	496	1,703
38	Ville-Parle-Andher	515	28	411
39	Ghatkopar (Kiroi)	143	14	123
40	Juhu	59	4	26
41	Malad	7	...	6
KOLABA DISTRICT--				
42	Panvel	240	50	76
43	Alibag	596	71	494
44	Mahad	8	2	6
45	Uran	79	14	39
46	Matheran	...	...	...
47	Pen	13	...	12
48	Roha	3	1	...
RATNAGIRI DISTRICT--				
49	Ratnagiri	1,781	62	1,445
50	Chiplun	56	20	36
51	Malwan	46	...	40
52	Vengurla	143	76	35
53	Rajapur	6	...	6

No. I—contd.

Percentage of successful cases in which the results were known.		Number of all successful Vaccinations performed by the Vaccination Department.
Primary.	Re-vaccina- tion.	
18	19	20
98.55	50.06	1,616
99.65	44.65	413
100.00	42.17	2,614
99.89	57.41	1352
99.91	77.50	1,186
100.00	48.28	577
100.00	40.00	348
47.61	40.90	41
99.62	66.46	2,533
100.00	91.85	1,272
93.14	26.92	1,032
100.00	70.00	557
100.00	12.12	48
100.00	...	298
87.63	30.49	389
100.00	69.60	352
100.00	100.00	225
85.42	35.00	223
84.13	...	53
97.35	...	184
100.00	100.00	195
96.90	18.48	578
100.00	100.00	309
98.33	...	413
101.44	70.31	358
94.44	...	17

STATEMENT

No.	Districts or Towns.	Mid year estimated Population of the Towns the year 1948.	Average number of Vaccinators employed throughout the year.
1	2	3	4
B—TOWNS— <i>contd.</i>			
SATARA DISTRICT—			
54	Satara	45,478	.....
55	Wai	17,188	.....
56	Karad	20,577	.....
57	Ashta	9,042	.....
58	Islampur	13,547	.....
59	Mahableshwar	5,493	.....
60	Mhaswad	8,768	.....
61	Panchgani	4,241	.....
62	Rahimatpur	7,012	.....
63	Tasgaon	12,005	.....
64	Vita	8,404	.....
SHOLAPUR DISTRICT—			
65	Sholapur	253,638	.....
66	Barsi	39,893	.....
67	Pandharpur	36,159	.....
68	Karkamb	7,013	.....
69	Karmala	8,197	.....
70	Kurduwadi	11,466	.....
71	Mohol	5,291	.....
72	Sangol	6,074	.....
73	Vairag	4,874	.....
BIJAPUR DISTRICT—			
74	Bijapur	55,729	.....
75	Bagalkot	31,502	.....
76	Guledgud	19,437	.....
77	Ilkal	20,146	.....
	Bilgi	5,273	.....
79	Hungund	7,063	.....
80	Kerur	7,773	.....
81	Talikot	8,677	.....

No. I—contd.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.					
				Total.	Successful.				Un-known.
					Under one year.	One and under six years.	Five years and under ten years.	Total of all ages.	
Male.	Female.	Total.	8	9	11	12	13	14	
P. 602	552	1,154	...	1,154					
R. 319	244	563	...		927	182	5	1,114	40
P. 282	251	533	...	533					
R. 1,041	211	1,252	...		327	22	1	350	183
P. 703	645	1,348	...	1,348					
R. 5,089	2,295	7,384	...		573	154	29	766	582
P. 245	199	444	...	444					
R. 55	47	102	...		112	...	...	112	332
P. 302	299	601	...	601					
R. 1,866	940	2,806	...		267	51	4	323	278
P. 62	64	126	...	126					
R. 92	1	93	...		60	20	1	81	45
P. 136	128	264	...	264					
R. 56	20	76	...		114	57	1	173	91
P. 58	42	100	...	100					
R. 33	14	47	...		59	12	...	71	29
P. 119	116	235	...	235					
R. 896	326	1,222	...		166	19	3	188	47
P. 288	275	563	...	563					
R. 975	651	1,626	...		201	11	3	217	346
P. 47	42	89	...	89					
R. 41	22	63	...		3	...	...	3	86
P. 6,844	6,175	13,019	...	13,019					
R. 12,049	4,805	16,854	...		6,180	1,770	129	8,096	4,922
P. 823	786	1,614	...	1,614					
R. 2,410	872	3,282	...		1,185	196	13	1,404	210
P. 879	865	1,744	...	1,744					
R. 1,372	961	2,333	...		1,208	357	22	1,590	145
P. 63	51	114	...	114					
R. 1	...	1	...		66	30	4	100	14
P. 193	183	376	...	376					
R. 29	3	32	...		270	52	2	324	52
P. 113	111	224	...	224					
R. 1,136	798	1,934	...		76	16	...	92	132
P. 54	43	97	...	97					
R. 21	2	23	...		64	28	4	96	1
P. 90	99	189	...	189					
R. 252	192	444	...		95	17	1	113	76
P. 104	102	206	...	206					
R. 77	39	116	...		108	32	2	142	62
P. 1,138	1,075	2,213	...	2,213					
R. 1,197	585	1,182	...		1,322	334	24	1,681	631
P. 469	478	947	...	947					
R. 760	400	1,160	...		713	214	15	947	...
P. 347	300	647	...	647					
R. 289	74	363	...		550	84	5	639	18
P. 509	383	892	...	892					
R. 315	34	349	...		603	219	...	822	70
P. 123	111	234	...	234					
R. 310	99	409	...		189	33	...	221	13
P. 114	125	239	...	239					
R. 156	...	156	...		203	27	...	230	9
P. 102	95	197	...	197					
R. 193	49	242	...		114	62	...	176	16
P. 181	163	344	...	344					
R. 300	53	353	...		194	89	...	283	51

STATEMENT

No.	Districts or Towns.	Re-vaccination.		
		Total.	Successful.	Unknown.
1	2	15	16	17
B—TOWNS—contd.				
SATARA DISTRICT—				
54	Satara	563	56	148
55	Wai	1,252	.....	1,195
56	Karad	7,384	.....	7,384
57	Ashta	102	.....	102
58	Islampu	2,806	4	2,446
59	Mahableshwar	93	19	32
60	Mhaswad	76	.....	31
61	Panchgani	47	3	31
62	Rahimatpur	1,222	.....	1,222
63	Tasgaon	1,626	.....	1,380
64	Vita	63	.....	63
SHOLAPUR DISTRICT—				
65	Sholapur	16,854	430	15,587
66	Barsi	3,282	2,863	419
67	Pandharpur	2,333	289	123
68	Karkamb	1	.....	1
69	Karmala	32	.....	15
70	Kurduwadi	1,934	16	1,916
71	Mohol	23	2	14
72	Sangola	444	.....	444
73	Vairag	116	20	96
BIJAPUR DISTRICT—				
74	Bijapur	1,782	436	534
75	Bagalkot	1,160	.....	.....
76	Guledgud	363	174	80
77	Ilkal	349	70	172
78	Bilgi	409	81	33
79	Hungund	156	42	64
80	Kerur	242	42	55
81	Talikot	353	32	221

No. I—*contd.*

Percentage of successful cases in which the results were known.		Number of all successful vaccinations performed by the Vaccination Department.
Primary.	Re-vaccina- tion.	
18	19	
Per cent,	Per cent.	Rs.
100·00	18·49	1,170
100·00	.....	350
100·00	.....	766
100·00	.....	112
100·00	1·11	327
100·00	31·14	100
100·00	.....	173
100·00	18·75	74
100·00	.....	188
100·00	.....	217
100·00	.....	3
99·98	33·93	8,526
100·00	100·00	4,267
99·37	13·10	1,879
100·00	.....	100
100·00	.....	324
100·00	88·88	108
88·88	22·22	98
100·00	.....	113
98·61	100·00	162
99·94	34·93	2,117
100·00	.....	947
100·00	61·48	813
100·00	39·03	892
100·00	24·84	302
100·00	45·64	272
97·23	22·45	218
100·00	24·24	315

STATEMENT

No.	Circles and Districts or Towns	Mid year estimated Population of the Towns the year 1948.	Average number of Vaccinators employed throughout the year.
1	2	3	4
B-TOWNS—contd.			
BELGAUM DISTRICT—			
82	Belgaum	78,866	.....
83	Gokak	15,263	.....
84	Athani	13,944	.....
85	Nipani	15,309	.....
86	Bail-Hongal	11,895	.....
87	Chikodi	10,708	.....
88	Khanapur	5,797	.....
89	Saundatti	9,874	.....
90	Belgaum Cantonment	18,985	.....
DHARWAR DISTRICT—			
91	Dharwar	53,191	.....
92	Hubli	104,326	.....
93	Gadag Betgeri	63,938	.....
94	Ranebennur	17,419	.....
95	Navalgund	7,727	.....
96	Annigeri	8,503	.....
97	Bankapur	7,752	.....
98	Byadgi	10,008	.....
99	Hangal	7,533	.....
100	Haveri	12,676	.....
101	Nargund	9,988	.....
102	Ron	8,067	.....
103	Shiggaon	16,225	.....
104	Tuminkatti	5,063	.....

No. I—contd.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.					
Male.	Female.	Total.		Total.	Successful.				Un-known.
					Under one year.	One and under six years.	Five years and under ten years.	Total of all ages.	
5	6	7	8	9	10	11	12	13	14
P. 1,681	1,654	3,335							
R. 11,950	9,142	21,092	...	3,335	1,602	462	16	2,083	1,252
P. 290	267	557	...	557	425	81	2	508	32
R. 578	154	732	...	732	425	81	2	508	32
P. 347	289	636	...	636	327	139	27	508	198
R. 1,218	592	1,810	...	1,810	327	139	27	508	198
P. 414	419	833	...	833	639	57	4	701	132
R. 762	822	1,584	...	1,584	639	57	4	701	132
P. 248	216	464	...	464	396	42	13	452	12
R. 1,086	492	1,578	...	1,578	396	42	13	452	12
P. 132	125	257	...	257	167	83	1	252	5
R. 2,019	1,129	3,148	...	3,148	167	83	1	252	5
P. 129	111	240	...	240	172	25	6	203	37
R. 2,467	1,130	3,597	...	3,597	172	25	6	203	37
P. 125	114	239	...	239	171	25	2	203	36
R. 748	686	1,434	...	1,434	171	25	2	203	36
P. 124	124	248	...	248	182	60	4	248	...
R. 581	448	1,029	...	1,029	182	60	4	248	...
P. 950	915	1,865	...	1,865	1,187	459	70	1,723	136
R. 4,451	3,452	7,903	...	7,903	1,187	459	70	1,723	136
P. 1,875	1,823	3,698	...	3,698	3,104	385	32	3,527	163
R. 1,907	927	2,834	...	2,834	3,104	385	32	3,527	163
P. 1,005	944	1,949	...	1,949	1,388	255	20	1,663	284
R. 703	221	924	...	924	1,388	255	20	1,663	284
P. 394	399	793	...	793	563	109	22	694	99
R. 609	232	841	...	841	563	109	22	694	99
P. 114	96	210	...	210	134	20	...	154	56
R. 279	55	334	...	334	134	20	...	154	56
P. 160	171	331	...	331	260	26	...	286	45
R. 655	137	792	...	792	260	26	...	286	45
P. 140	100	240	...	240	167	41	...	208	31
R. 217	113	230	...	230	167	41	...	208	31
P. 127	136	263	...	263	174	56	2	232	31
R. 156	73	229	...	229	174	56	2	232	31
P. 132	99	231	...	231	154	35	8	197	34
R. 141	62	203	...	203	154	35	8	197	34
P. 278	261	539	...	539	326	129	8	464	72
R. 1,858	1,104	2,962	...	2,962	326	129	8	464	72
P. 202	214	416	...	416	341	41	3	386	30
R. 606	421	1,027	...	1,027	341	41	3	386	30
P. 112	118	230	...	230	197	18	5	220	10
R. 118	44	162	...	162	197	18	5	220	10
P. 127	124	251	...	251	202	32	...	234	17
R. 222	221	443	...	443	202	32	...	234	17
P. 79	68	147	...	147	93	16	...	109	38
R. 133	33	166	...	166	93	16	...	109	38

STATEMENT

No.	Circles and Districts or Towns.	Re-vaccination.		
		Total.	Successful.	Unknown.
1	2	15	16	17
B--TOWNS--contd.				
BELGAUM DISTRICT--				
82	Belgaum	21,092	1,455	15,885
83	Gokak	732	100	240
84	Athani	1,810	242	835
85	Nipani	1,584	11	1,390
86	Bail-Hongal	1,578	51	1,055
87	Chikodi	3,148	12	3,055
88	Khanapur	3,597	211	1,764
89	Saundatti	1,434	469	439
90	Belgaum Cantonment	1,029	86	943
DHARWAR DISTRICT--				
91	Dharwar	7,903	721	3,393
92	Hubli	2,834	714	1,123
93	Gadag Betgeri	924	157	475
94	Ranebennur	841	109	314
95	Navalgund	334	47	118
96	Annigeri	792	209	179
97	Bankapur	230	21	89
98	Byadgi	229	5	213
99	Hangal	203	17	109
100	Haveri	2,962	593	1,535
101	Nargund	1,027	94	409
102	Ron	162	51	48
103	Shiggaon	443	20	166
104	Tuminkatti	166	27	81

No. I—contd.

Percentage of successful cases in which the results were known.		Number of all successful vaccinations performed by the vaccination staff only.
Primary.	Re-vaccina- tion.	
18	19	20
100.00, now 96.63	26.42	3,538
	20.32	608
100.00	24.82	750
100.00	5.67	712
100.00	15.78	503
100.00	12.91	264
100.00	1.15	414
100.00	47.13	672
100.00	100.00	334
99.65	15.98	2,444
99.77	42.89	4,241
99.87	35.18	1,820
100.00	20.67	803
100.00	21.75	201
100.00	34.94	495
99.52	14.89	229
100.00	50.00	237
100.00	18.08	214
99.35	27.54	857
100.00	15.21	480
100.00	44.73	271
100.00	7.22	254
100.00	31.76	136

STATEMENT

No	Circles and Districts or Towns.	Mid year estimated Population of the Towns the year 1948.	Average number of Vaccinators employed throughout the year.
1	2	3	4
B—TOWNS— <i>contd.</i>			
KANARA DISTRICT—			
105	Karwar	15,585	.....
106	Kumta	11,934	.....
107	Gokarn	12,231	.....
108	Honawar	9,657	.....
109	Bhatkal	12,022	.....
110	Haliyal	7,188	.....
111	Sirsi	12,900	.....
SURAT DISTRICT—			
112	Surat Municipality	186,286	.....
113	Rander T. C.	16,499	.....
114	Bardoli "	8,353	.....
115	Bulsar "	24,573	.....
116	Pardi "	7,144	.....
BROACH DISTRICT—			
117	Broach Municipality	71,628	.....
118	Amod T. C.	8,342	.....
119	Jambusar "	16,077	.....
120	Ankleshwar "	16,116	.....
121	Hansot "	6,064	.....
RAIRA DISTRICT—			
122	Kaira T. C.	7,655	.....
123	Mehmedabad "	8,354	.....
124	Nadiad Municipality	55,251	.....
125	Mahudha "	8,794	.....
126	Borsad "	19,679	.....
127	Anand T. C.	21,180	.....
128	Umreth "	18,540	.....

No. I—*contd.*

Total number of person vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.					
Male.	Female.	Total.		Total.	Successful.				Un-known.
					Under one year.	One and under six years.	Five years and under ten years.	Total of all ages.	
5	6	7	8	9	10	11	12	13	14
P. 435	344	779	}	779	166	414	61	646	131
R. 1,631	944	2,575							
P. 94	63	157	}	157	15	86	28	132	22
R. 337	157	494							
P. 76	65	141	}	141	7	65	26	100	41
R. 66	9	75							
P. 154	133	267	}	267	56	171	48	260	7
R. 76	28	104							
P. 158	123	281	}	281	44	159	29	235	46
R. 140	44	184							
P. 76	79	155	}	155	83	36	17	140	15
R. 724	463	1,187							
P. 191	187	378	}	378	91	205	16	313	65
R. 499	157	656							
P. 3,525	8,370	6,895	}	6,895	5,462	917	...	6,179	679
R. 675	542	1,217							
P. 206	204	410	}	410	136	47	...	183	227
R. 85	81	166							
P. 131	120	251	}	251	152	59	12	223	28
R. 125	100	225							
P. 309	341	650	}	650	245	130	5	380	269
R. 156	100	256							
P. 267	215	482	}	482	292	170	20	482	...
R. 85	81	166							
P. 997	911	1,908	}	1,908	1,563	158	...	1,721	181
R. 489	303	792							
P. 205	197	402	}	402	254	109	9	372	30
R. 24	162	426							
P. 272	271	543	}	543	265	93	5	463	74
R. 106	16	122							
P. 289	268	557	}	557	30	64	8	362	174
R. 132	64	196							
P. 67	65	132	}	132	66	11	4	83	49
R. 57	4	61							
P. 7	5	12	}	12	10	...	...	10	2
R. 83	...	83							
P. 160	115	275	}	275	222	36	...	253	17
R. ...	...	...							
P. 887	679	1,566	}	1,566	1,227	249	3	1,479	79
R. 285	123	413							
P. 104	106	210	}	210	154	20	...	174	34
R. 66	34	100							
P. 216	144	360	}	360	202	54	1	257	101
R. 13	11	24							
P. 311	252	563	}	563	392	92	...	484	67
R. 340	189	529							
P. 314	230	544	}	544	374	96	...	470	73
R. 31	7	38							

STATEMENT

No.	Circles and Districts or Towns.	Re-vaccination.		
		Total.	Successful.	Unknown.
1	2	15	16	17
B—TOWNS— <i>contd.</i>				
KANARA DISTRICT—				
105	Karwar	2,575	231	1,235
106	Kumta	494	82	205
107	Gokarn	75	14	19
108	Honawar	104	8	31
109	Bhatkal	184	38	66
110	Haliyal	1,187	118	701
111	Sirsi	656	34	34
SURAT DISTRICT—				
112	Surat Municipality	1,217	193	795
113	Rander T. C.	166	46	36
114	Bardoli	225	17	26
115	Bulsar	256	3	193
116	Pardi	166	26	111
BROACH DISTRICT—				
117	Broach Municipality	792	29	694
118	Amod T. C.	426	131	166
119	Jambusar	122	8	25
120	Ankleshwar	136	44	109
121	Hansot	61	11	31
KAIRA DISTRICT—				
122	Kaira T. C.	83	...	3
123	Mehmedabad	47	2	10
124	Nadiad Municipality	413	6	210
125	Mahudha	100	6	33
126	Borsad	24	3	1
127	Anand T. C.	529	20	196
128	Umreth	33	2	14

No. I—*contd.*

Percentage of successful cases in which the results were known.		Number of all successful vaccinations and re-vaccina- tions per- formed by the vaccination staff only.
Primary.	Re-vaccina- tion.	
18	19	
		20
99.69	17.23	877
97.77	23.37	218
100.00	25.00	114
100.00	10.95	268
100.00	32.29	273
100.00	24.27	258
100.00	10.86	347
99.45	46.45	6,372
100.00	35.38	229
100.00	3.54	240
9.97	1.84	383
100.00	47.27	508
99.65	29.59	1,750
100.00	50.38	503
98.72	8.24	471
94.73	50.57	426
100.00	36.66	94
100.00	...	10
100.00	5.39	260
99.46	2.86	1,485
98.86	8.95	180
99.23	13.04	260
97.58	6.06	504
99.78	3.33	472

STATEMENT

No.	Districts or Towns.	Mid year estimated Population of the Towns for the year 1948.	Average number of Vaccinators employed throughout the year.
1	2	3	4
	B—TOWNS—contd.		
	KAIRA DISTRICT—contd.		
129	Dakor Town circle	11,397	.....
130	Kapadvanj do.	23,111	.....
131	Matar do.	4,408	.....
	PANCH MAHALS DISTRICT—		
132	Godhra Town circle	47,031	.....
133	Dohad do.	12,666	.....
134	Jhalod do.	9,119	.....
135	Kalol do.	7,011	.....
136	Halol do.	7,023	.....
	AHMEDABAD DISTRICT—		
137	Ahmedabad (Municipality)	702,316	17
138	Dhandhuka Town circle	12,668	.....
139	Dholera do.	4,045	.....
140	Ranpur do.	8,299	.....
141	Sanand do.	9,767	.....
142	Viramgam do.	31,807	.....
143	Mandal do.	6,121	.....
144	Patadi do.	7,925	.....
145	Prantij do.	8,944	.....
146	Modasa do.	13,629	.....
147	Dholka do.	19,766	.....
148	Ahmedabad Cantonment	3,448	1
	EAST KHANDESH DISTRICT--		
149	Jalgaon (Municipality)	62,556	1
150	Nasirabad Town circle	14,392	.....
151	Asoda do.	8,338	.....
152	Yawal do.	14,401	.....
153	Faizpur do.	12,945	.....
154	Brandol do.	17,187	.....
155	Dharangaon do.	20,775	.....
156	Kasoda do.	7,518	.....

No. I—contd.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.					
				Total.	Successful.				Un-known.
Male.	Female.	Total.			Under one year.	One and under six years.	Five years and under ten years.	Total of all ages.	
5	6	7	8	9	10	11	12	13	14
P. 101	96	197	}	197	139	36	...	185	12
R.	...	...							
P. 311	307	618							
R. 9	11	20							
P. 126	116	242	}	242	158	26	...	184	56
R. 153	27	180							
P. 519	466	985							
R.	...	...							
P. 443	443	886	}	886	455	132	1	592	279
R. 521	151	672							
P. 143	152	295							
R. 1	2	3							
P. 182	119	251	}	251	184	53	...	237	13
R. 32	29	61							
P. 120	142	262							
R. 4	2	6							
P. 10,202	9,306	19,508	}	19,508	16,244	2,377	121	19,515	777
R. 5,237	3,087	8,324							
P. 203	213	416							
R. 140	76	216							
P. 27	25	52	}	52	37	11	1	49	3
R.	...	...							
P. 50	53	103							
R. 2	3	5							
P. 198	208	406	}	406	254	99	...	353	53
R. 10	3	13							
P. 351	313	664							
R.	...	...							
P.	...	...	}	...	...	...	...	...	...
R.	...	...							
P.	...	...							
R.	...	...							
P.	...	...	}	...	...	...	...	...	...
R.	...	...							
P.	...	...							
R.	...	...							
P. 366	375	741	}	741	576	78	...	654	70
R. 219	60	279							
P. 402	362	764							
R. 1	1	2							
P. 113	111	224	}	224	135	35	2	172	...
R. 1,160	1,278	2,438							
P. 951	853	1,804							
R. 145	49	194							
P. 132	167	299	}	299	202	61	...	263	36
R. 225	...	225							
P. 98	114	212							
R. 1	...	1							
P. 279	263	542	}	542	462	77	2	541	1
R.	1	1							
P. 203	191	394							
R. 1	2	3							
P. 293	285	578	}	578	558	10	...	568	10
R. 34	3	37							
P. 418	415	833							
R. 3	3	6							
P.	...	...	}	...	...	...	...	...	...
R.	...	...							
P.	...	...							
R.	...	...							

STATEMENT

No.	Districts or Towns.	Re-vaccination.		
		Total.	Successful.	Unknown.
1	2	15	16	17
	B-TOWNS— <i>contd.</i>			
	KAIRA DISTRICT— <i>contd.</i>			
129	Dakor Town Circle	15	2	5
130	Kapadvanj do.	20	10	2
131	Matar do.	180	.....	179
	PANCH MAHALS DISTRICT—			
132	Godhra Town Circle	247	35	147
133	Dohad do.	672	58	260
134	Jhalod do.	3	.....	1
135	Kalol do.	61	3	19
136	Halol do.	6	.....	3
	AHMEDABAD DISTRICT—			
137	Ahmedabad Town City	8,324	1	8,323
138	Dhandhuka do.	216	97	69
139	Dholka do. ... ..	.....	.....	.....
140	Ranpur do.	5	.....	.....
141	Sanand do.	13	2	8
142	Viramgam do.	79	16	32
43	Mandal do. ... ..	.....	.....	.....
144	Patadi do. ... ..	.....	.....	.....
145	Prantij do. ... ..	.....	.....	.....
146	Modasa do.	279	22	212
147	Dholka do.	2	.....	.....
148	Ahmedabad Cantonment	2,433	1,978	5
	EAST KHANDESH DISTRICT—			
149	Jalgaon Town Circle	194	.....	192
150	Nasirabad do.	225	.....	225
151	Asoda do.	1	1	.....
152	Yawal do.	1	.....	1
153	Faizpur do.	3	.....	3
154	Erandol do.	37	.....	22
155	Dharangaon do.	6	.....	1
156	Kasoda do. ... ..	.....	.....	.....

No. I—contd.

Percentage of successful cases in which the results were known		Number of all successful vaccinations and re-vaccina- tions per- formed by the vaccination staff only.
Primary.	Re-vaccination.	
18	19	
		20
100.00	20.00	187
99.29	55.55	577
98.39	.....	184
97.84	35.00	714
97.53	14.08	650
99.61	.....	256
99.57	7.14	240
100.00	.....	254
82.46	47.81	19,516
99.70	65.99	439
100.00	.....	49
98.79	.....	82
100.00	40.00	355
85.95	34.03	579
.....		
.....		
.....		
97.47	32.83	676
100.00	.....	703
76.79	81.30	2,150
99.21	.....	1,875
100.00	.....	263
100.00	.....	193
100.00	.....	541
100.00	.....	394
100.00	.....	568
100.00	.....	792
.....		

No.	District or Town.	Mid year estimated Population of the Towns for the year 1931.	Average number of Vaccinators employed throughout the year.
1	2	3	4
B—TOWNS—concd.			
EAST KHANDESH DISTRICT—contd.			
157	Amalner Municipality	42,053	1
158	Parola do.	17,320	.....
159	Chalisgaon Town Circle	26,375	.....
160	Pachora do.	11,500	.....
161	Nagardeola do.	7,305	.....
162	Bhadgaon do.	9,217	.....
163	Chopda do.	24,558	.....
164	Adawad do.	6,453	.....
165	Raver do.	11,115	.....
166	Savda do.	12,018	.....
167	Bhusawal do.	42,522	.....
168	Varangaon do.	7,656	.....
169	Bodwad do.	8,400	.....
170	Jamner do.	9,428	.....
171	Shendurni do.	10,766	.....
WEST KHANDESH DISTRICT—			
172	Dhulia Municipality	65,222	1
173	Nandurbar do.	26,091	1
174	Sindkheda Town Circle	7,491	.....
175	Betawad do.	4,864	.....
176	Shirpur (Municipality)	14,215	1
177	Shahada do.	10,067	1
178	Taloda Town Circle	12,813	.....
179	Nawapur do.	7,750	.....
180	Bombay City	1,489,888	.....
Total of Towns		5,989,242	.....
Total of Dispensary Staff		.....	.....
Total of Medical Practitioners		.....	.....
Total of Railway Dispensaries		.....	.....
Grand Total		22,674,693	.....

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.					
Male.	Female.	Total.		Total.	Successful.				Un-known.
					Under one year.	One and under six years.	Five years and under ten years.	Total of all ages.	
5	6	7	8	9	10	11	12	13	14
P. 701	595	1,296	}	1,296	975	91	33	1,099	197
R. 124	9	133							
P. 362	415	777	}	777	579	122	...	701	76
R. 3	1	4							
P. 318	330	648	}	648	444	194	...	638	...
R. 614	84	698							
P. 218	204	422	}	422	328	89	4	421	1
R. 305	65	370							
P. 566	556	1,122	}	1,122	880	209	4	1,093	28
R. 2,063	1,059	3,122							
P. 238	241	479	}	479	328	50	...	378	101
R. 430	141	571							
P. 182	192	374	}	374	312	62	...	374	...
R. ...	...	...							
P. 107	107	214	}	214	102	29	1	192	22
R. 18	2	20							
P. 238	238	476	}	476	372	72	...	444	30
R. 16	3	19							
P. 338	323	661	}	661	609	51	...	660	...
R. 50	11	61							
P. 965	888	1,853	}	1,853	1,435	613	5	1,853	...
R. 752	182	934							
P. ...	...	...	}	...	...	...	...	...	...
R. ...	...	...							
P. 287	253	540	}	540	427	88	4	519	21
R. 1,465	746	2,211							
P. 249	227	476	}	476	406	70	...	476	...
R. 44	...	44							
P. 175	150	325	}	325	287	36	1	324	...
R. 188	14	202							
P. 1,012	927	1,939	}	1,939	1,701	193	...	1,896	42
R. 32	26	58							
P. 397	374	771	}	771	602	70	6	678	93
R. 160	37	197							
P. 842	792	1,634	}	1,634	1,221	400	1	1,622	22
R. 656	156	812							
P. ...	...	...	}	...	...	...	...	...	...
R. ...	...	...							
P. 381	317	698	}	698	661	30	...	691	7
R. 213	...	213							
P. 98	87	185	}	185	152	33	...	185	...
R. 116	4	120							
P. 310	308	618	}	618	474	56	...	530	88
R. 448	107	555							
P. 758	786	1,544	}	1,544	1,281	242	1	1,524	19
R. 479	160	639							
P. 31,723	29,363	61,086	}	61,086	36,966	12,136	133	49,244	11,753
R. 413,117	153,797	566,914							
P. 111,532	103,911	215,443	}	215,443	139,263	35,997	1,307	176,692	37,784
R. 527,056	216,095	743,151							
P. 2	1	3	}	3	3	...	...	3	...
R. 5,160	233	5,393							
P. 26	18	44	}	44	39	3	...	42	2
R. 1	1	2							
P. 4,330	3,708	8,038	}	8,038	1,431	873	406	4,538	890
R. ...	...	...							
P. 364,065	338,834	702,899	}	702,899	432,780	139,751	10,050	585,370	109,949
R. 1,049,922	478,068	1,527,990							

STATEMENT

No.	District or Town.	Re-vaccination.		
		Total.	Successful.	Unknown.
1	2	15	16	17
B—TOWNS—concl'd.				
EAST KHANDESH DISTRICT—cont'd.				
157	Amalner Municipality	133	31	72
158	Parola do.	4	1	2
159	Chalisgaon Town Circle	698	185	341
160	Pachora do.	370	210	36
161	Nagardeola do.	3,122	36	1,882
162	Bhadgaon do.	571	...	571
163	Chopda do.	...	...	...
164	Adawad do.	20	4	6
165	Raver do.	19	1	7
166	Savda do.	61	16	8
167	Bhusawal do.	934	192	742
168	Varangaon do.	...	...	...
169	Bodwad do.	2,211	179	...
170	Jamner do.	44	...	34
171	Shendurni do.	202	56	50
WEST KHANDESH DISTRICT—				
172	Dhulia Municipality	58	10	29
173	Nandurbar do.	197	32	126
174	Sindkheda Town Circle	812	9	26
175	Betawad do.	...	...	...
176	Shirpur Municipality	213	34	32
177	Shahada do.	120	21	48
178	Taloda Town Circle	555	150	325
179	Nawapur do.	639	23	580
180	Bombay City	566,914	...	566,914
Total of Towns ...		743,151	20,981	684,164
Total of Dispensary staff ...		5,393	459	122
Total of Private Medical Practitioners ...		2	...	2
Total of Railway Dispensaries ...		4,638	1,298	383
Grand Total ...		1,527,990	164,116	1,122,192

No. I—contd.

Percentage of Successful cases in which the results were known.		Number of all successful vaccinations and re-vaccina- tions per- formed by the vaccination staff only.
Primary.	Re-vaccination.	
18	19	
100.00	50.82	1,130
100.00	50.00	702
100.00	51.82	828
100.00	62.87	631
99.91	2.90	1,129
100.00	.....	378
100.00	.....	374
100.00	28.57	196
99.55	8.33	445
99.85	30.18	676
100.00	100.00	2,045
.....		
100.00	8.10	698
100.00	.....	476
100.00	36.84	380
99.95	34.48	1,906
100.00	45.07	710
100.72	1.27	1,631
.....		
100.00	18.78	725
100.00	29.17	206
92.47	21.79	680
99.93	38.98	1,547
99.81	88.15	49,244
99.52	35.57	197,673
100.00	15.58	4,595
100.00	.....	42
63.49	30.50	4,226
98.78	40.44	747,866

STATEMENT

Sum-

	Total number of persons vaccinated.		Total number of operations performed.	
	Primary.	Re-vacci- nation.	Primary.	Re-vacci- nation.
Districts excl ding Towns	479,371	774,806	479,371	774,806
Towns	215,443	743,151	215,443	743,151
By Dispensary Staff	3	5,393	3	5,393
By Private Medical Practitioners	44	2	44	2
Railway Dispensaries	8,038	4,638	8,038	4,638
Total ...	702,899	1,527,990	702,899	1,527,996

No. I—concl.

mary.

Percentage of successful cases in which results were known.		Number of children successfully vaccinated.			Number of all successful vaccinations performed.
Primary.	Re-vaccination.	Under one year.	One and under six years.	Above five years and under 10 years.	
98.58	40.59	292,044	102,873	8,337	541,330
99.52	35.57	139,263	35,997	1,307	197,673
100.00	15.58	3	...	.....	459
100.00	...	39	3	.....	42
63.49	30.50	1,431	873	406	4,226
98.78	40.44	432,786	139,751	10,050	743,730

STATEMENT

*Comparative Statement showing the number of persons
successfully vaccinated in each*

Establishment.	PERSONS			
	Total Number.	Number success- fully vacci- nated.	Total Number.	Number success- fully vacci- nated.
	YEARS ENDED			
	1939-1940.		1940-1941.	
Districts excluding Towns	488,931	456,863	489,316	462,775
Towns (Municipalities and Cantonment) ...	175,258	128,484	170,634	151,455
Dispensaries and Medical Officers	2,451	2,068	2,356	2,027
Total ...	666,640	617,415	662,306	606,257

Establishment.	PERSONS PRIMARILY			
	Total Number.	Number success- fully vacci- nated.	Total Number.	Number success- fully vacci- nated.
	YEARS ENDED			
	1944.*		1945.*	
Districts excluding Towns	481,814	425,343	467,723	404,618
Towns (Municipalities and Cantonment) ...	189,370	158,843	165,780	141,835
Dispensaries and Medical Officers	1,520	1,408	1,079	918
Total ...	670,704	585,594	634,582	547,371

No. II.

primarily vaccinated and the number of those persons who were of the undermentioned official years.

PRIMARILY VACCINATED.

Total Number.	Number success-fully vaccinated.	Total Number.	Number success-fully vaccinated.	Total Number.	Number success-fully vaccinated.
ON 31ST MARCH					
1941.*		1942.*		1943.*	
487,164	449,217	493,382	450,625	470,493	428,659
156,919	139,439	149,861	132,372	178,638	153,890
5,884	3,365	2,135	1,876	2,754	2,465
647,967	592,021	645,378	584,873	657,885	585,014

VACCINATED—contd.

Total Number.	Number success-fully vaccinated.	Total Number.	Number success-fully vaccinated.	Total Number.	Number success-fully vaccinated.
ON 31ST MARCH—contd.					
1946.*		1947.*		1948.*	
464,218	400,748	472,840	404,645	479,371	404,095
182,357	148,499	193,406	164,635	215,443	176,692
2,480	2,055	1,456	1,145	8,085	8,538
649,055	551,302	667,701	570,425	702,899	585,370

*Figures relate to calendar year.

